

Rollamo

1963

**THE
ROLLAMO**

1963

The Annual Publication of the Missouri School of Mines and Metallurgy.



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THE ROLLAMO 1963

ROBERT H. SIECKHAUS, EDITOR

GEORGE R. SCHILLINGER, BUSINESS MANAGER

DEDICATION

"An institution is the lengthened shadow of one man."

— Ralph Waldo Emerson

With affection, appreciation, and humble pride, we dedicate this book to *Dean Curtis Laws Wilson*. An educator, administrator, engineer, author, speaker, and raconteur of world renown, he has won our recognition as a friend to students. We have always found his door open to us, and he has always taken time to listen to our problems. Though at all times a firm disciplinarian, he could forgive our shortcomings when our intent was not at fault and he could understand our weaknesses and our position. He rejoiced with us in our accomplishments and triumphs, and he shared with us in our disappointments.

Our Alma Mater has flourished and prospered under his guidance, and it reflects his influence in every facet of its growth. Thousands of students have developed into engineers and men under his shadow; future students will grow and prosper under his lengthening shadow as the school, the campus, and the alumni fulfill his plans and ideals.

The home of Dean Wilson.



The Dean and Mrs. Wilson.





To the Class of 1963:

The graduation of the class of 1963 has for me a special and very personal significance. You are the last class whose diplomas I have the privilege and honor of signing. Of the more than eleven thousand diplomas granted since the first commencement in 1874, I am most proud of the fact that my signature is on 8500 MSM diplomas. The recipients of these diplomas are people who bring credit and glory to this School.

Now you are joining their ranks. The road has not been easy for any of you. Engineering and science curricula are not designed for the weak or those of mediocre intelligence. You are to be congratulated upon your accomplishments and this initial goal which you have achieved.

Attributed to former U. S. President Calvin Coolidge is the definition of education as "the process by which each individual creates his own universe and determines the dimensions thereof." The attainment of your academic degree means that you have created for yourself a "universe" of service in the fields of engineering and science. My wish for you is that the dimensions of your universe may constantly increase, as may also your own personal happiness and welfare.

Curtis L. Wilson





A DAY WITH DEAN WILSON



DEAN CURTIS LAWS

Dr. Curtis L. Wilson, dean of Missouri School of Mines and Metallurgy since 1941, was born August 29, 1898, in Baltimore, Maryland.



Gifts presented on Dean Wilson Day.

After graduating from high school there in 1916, he went west and enrolled at Montana School of Mines, graduating in 1920. He worked as assistant research engineer for Anaconda Copper Mining Company until 1921, when he joined the faculty of Montana School of Mines as an instructor in metallurgy. In 1926 he went to Europe to study at the University of Goettingen in Germany. He received his Ph.D. degree there in 1928 and then returned to Montana School of Mines as Professor of Metallurgical Engineering. In 1941 he came to Rolla to his present position.

He was awarded the honorary degree of Doctor of Engineering by Washington University in St. Louis in 1954, and by Montana School of Mines in 1955. He is the author of a number of technical articles on research metallurgy and co-author of the book, "Metallurgy of Copper."

He has been a member of the American Institute of Mining Engineers since 1920 and has served on its Board of Directors.

He has also been chairman of the AIME Education Division and of the Montana and St. Louis sections of the AIME, and is presently vice president of the Society of Mining Engineers of AIME. He is a registered professional engineer and a member of the Missouri Society of Professional Engineers, the National Society of Professional Engineers, the St. Louis Engineers' Club, the Kansas City Engineers' Club, the Mining and Metallurgical Society of America, the American Mining Congress, the Institute of Metals (London), and the British Iron and Steel Institute.

He is a member of the honor societies Tau Beta Pi (engineering), Phi Kappa Phi (scholarship), Sigma Xi (research), Sigma Gamma Epsilon (earth sci-



University President Ellis gives keys to the new Physics building to Dean Wilson.

ences), Pi Tau Sigma (mechanical engineering), Alpha Sigma Mu (metallurgy), Chi Epsilon (civil engineering), and Eta Kappa Nu (electrical engineering).

In 1961 he received the Tasker H. Bliss Medal from the Society of American Military Engineers for contributions to military engineering education. He has

WILSON 1941-1963

been named the recipient of the 1963 Mineral Industry Education Award of the AIME, and recently he was given one of the highest honors that the United States Army can bestow, the Outstanding Service Award.



Representative Carnahan presents resolution from the Missouri Legislature acknowledging Dean Wilson's accomplishments.

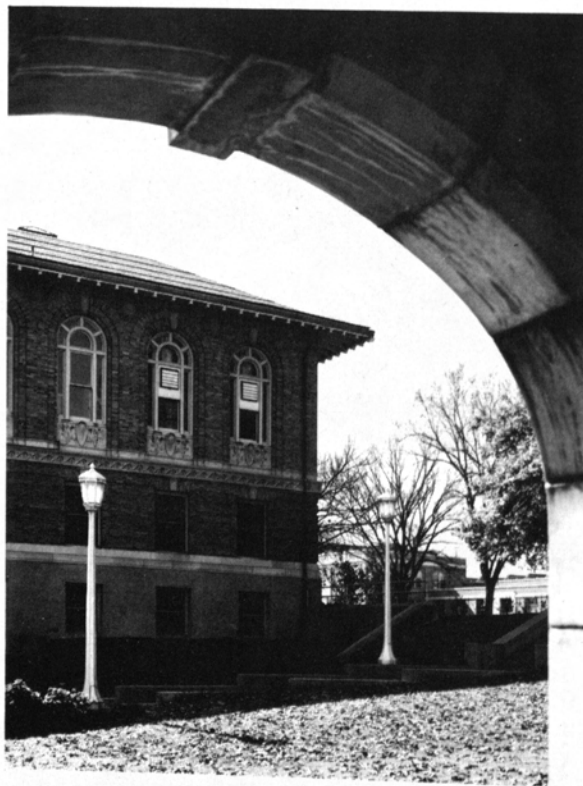
When Dean Wilson first came to this school in 1941, there were 79 members of the faculty, including himself and the registrar; at present there are 237 members. The total number of members on the staff was 143; today this number has reached 800. Growth in enrollment and in the number of degrees awarded has been phenomenal during the 22 years of Dean Wilson's tenure. The number of degrees awarded in 1941 was 158, of which 147 were at the Bachelor's level and 4 at the Master's level. There were 7 professional degrees granted that year. In 1962 there were 589 Bachelor's degrees and 82 Master's degrees. Before 1941, 2,767 degrees had been granted, and in 1962 the total had reached 10,748. In 1941 the campus comprised 14 buildings. Now there are 32 buildings, construction on two others is scheduled, and additional buildings have been recommended.

Dean Wilson's influence at the Missouri School of Mines is prominently indicated in all of these statistics

— on the growth of the physical campus, on the increase in faculty and academic prestige, on the evolution of a comparatively small technical school into an engineering and science institution of top-ranking importance. Most outstanding in his achievement, however, has been his influence on the lives of the thousands of students who have graduated from the school since he has been its head. No matter how large the enrollment and no matter how numerous the problems related to the development of the school, every graduate who has left the Missouri School of Mines and Metallurgy has done so feeling that Dean Wilson was his personal friend and would be interested in his success. Students, faculty, and alumni are proud of their association with the fine educational institution Dean Wilson has been so intimately a part of for the past 22 years. His devotion to its exceptional development and his special contributions to its life and welfare have made the Missouri School of Mines an institution worthy of such pride.

Major General Herrick presents Dean Wilson the United States Army Outstanding Service Medal.





ADMINISTRATION





DEAN CURTIS L. WILSON, Dean MSM 1941, B.S., Baltimore City College; E.M., 1920, Montana School of Mines; Ph.D., 1928, University of Goettingen; D.Eng. 1954, Washington University; D.End, 1955, Montana School of Mines.



LEON HERSHKOWITZ, Assistant Dean.



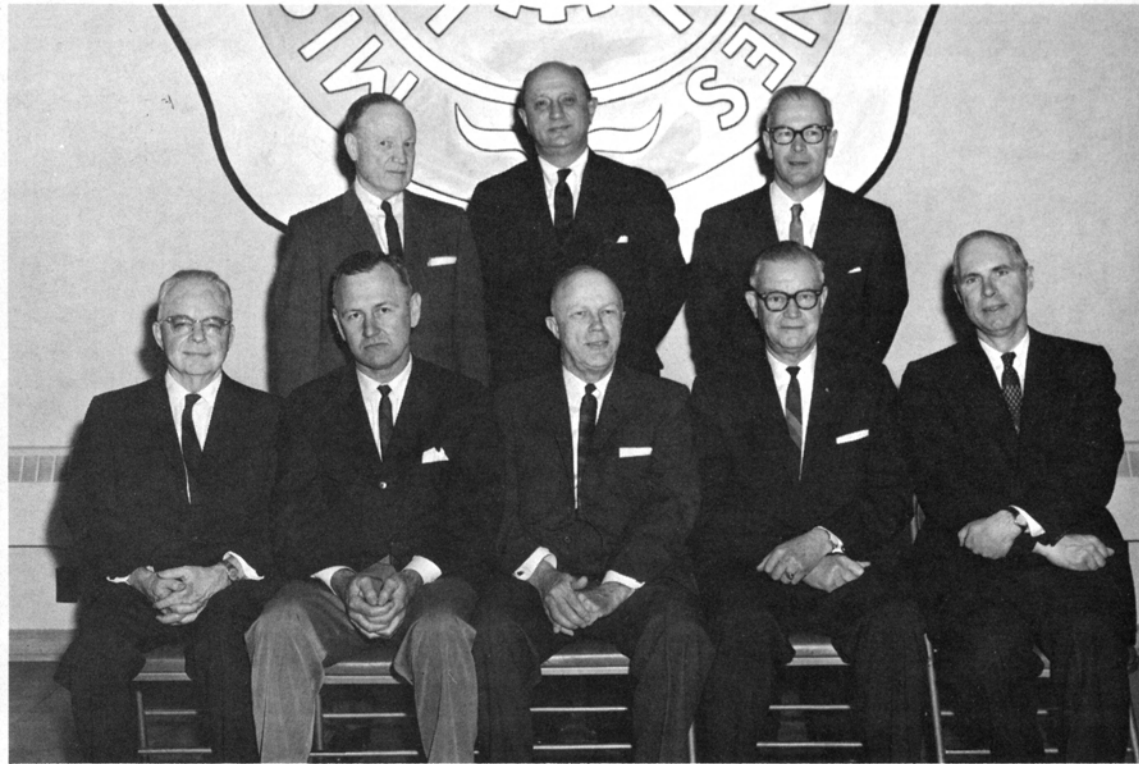
PRESIDENT ELMER ELLIS, B.A., 1924, M.A., 1925, University of North Dakota; Ph.D., 1931, State University of Iowa.



THE

ADMINISTRATION

The School of Mines and Metallurgy, the engineering division of the University of Missouri, has experienced remarkable expansion since the Second World War. Since 1945 almost twenty million dollars of projects have been completed or are under way. The School of Mines and Metallurgy enjoys a distinguished reputation as a teacher of successful professionals. The policies and standards set by the administration have maintained MSM's reputation as a top engineering school.



Board of Curators. SEATED, LEFT TO RIGHT: Elmer Ellis, President of the Curators; Henry Andrae, James Finch, Ike Skelton, Doyle Patterson. SECOND ROW, LEFT TO RIGHT: Edwin Stark, Robert Neill, John Caruthers. NOT PICTURED: Oliver Ferguson, and Orestes Mitchell.



Parker Hall

STUDENT UNION

William Kratzer, Director.



The Student Union Building.

Information desk and cigar counter of the Student Union.



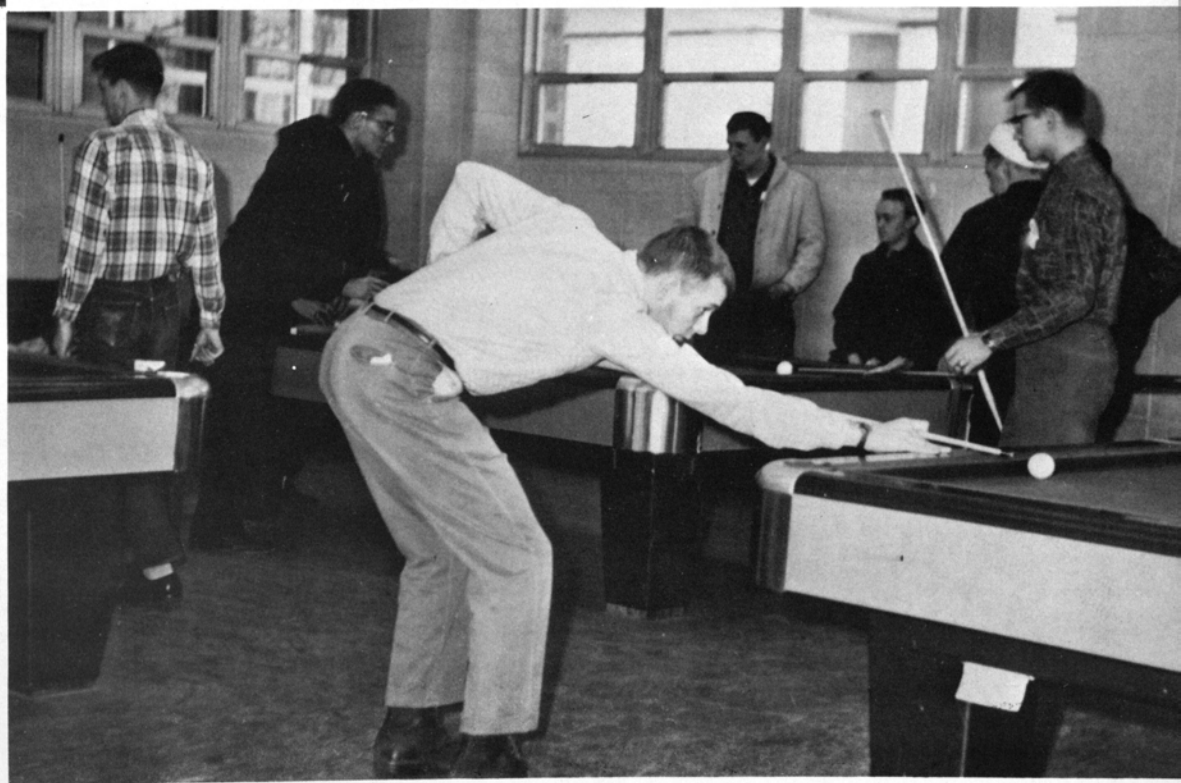


The well stocked snack bar of the Union.

Student Union recreation room.

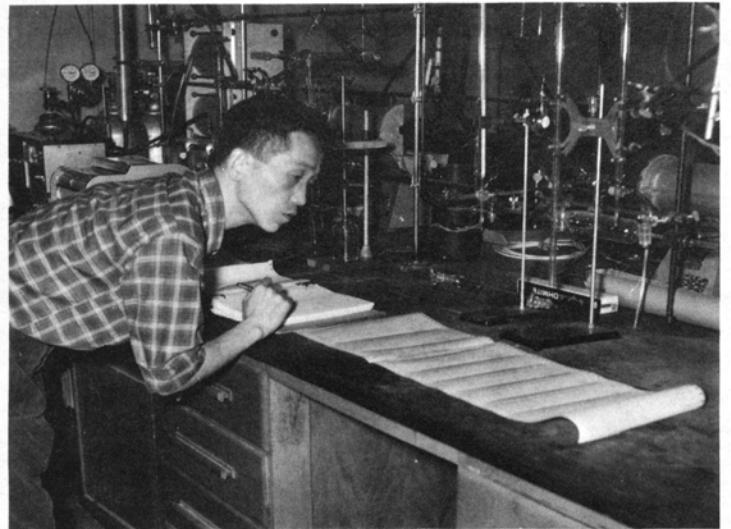
The center of each day's activities for most students is the Student Union. The strong Student Union organization has strived to give students a calendar of activities that are interesting and beneficial to all.

Departmental and inter-school mixers, the sponsoring of the Homecoming Queen contest, film classics, and games and tournaments are the main activities sponsored by the Student Union.



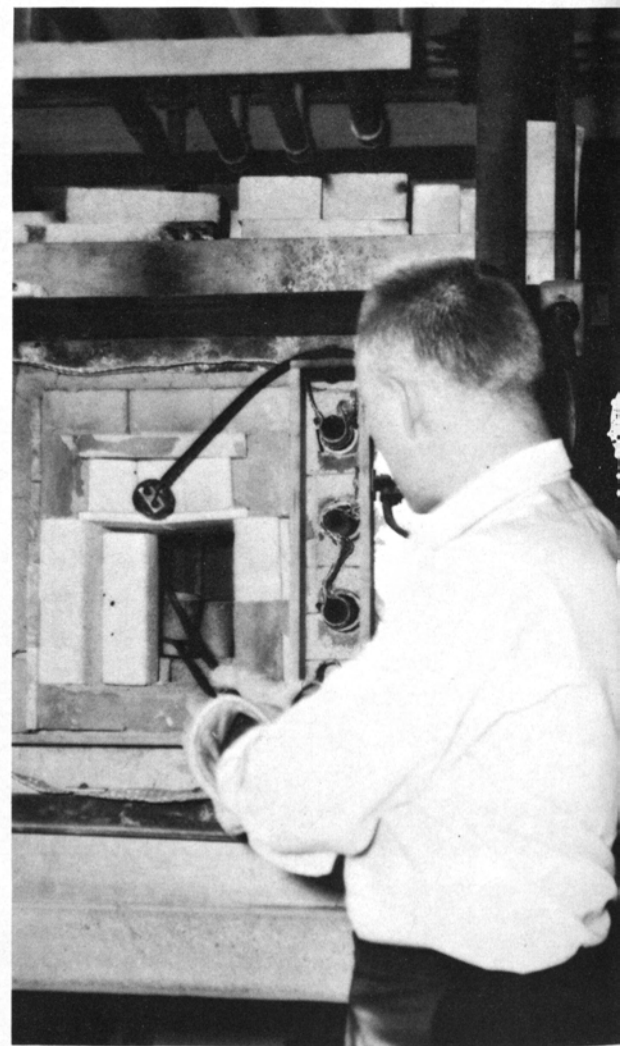


This is engineering??



Detailed laboratory reports required.

Informal discussion groups very beneficial.



Practical experience in furnace procedures.



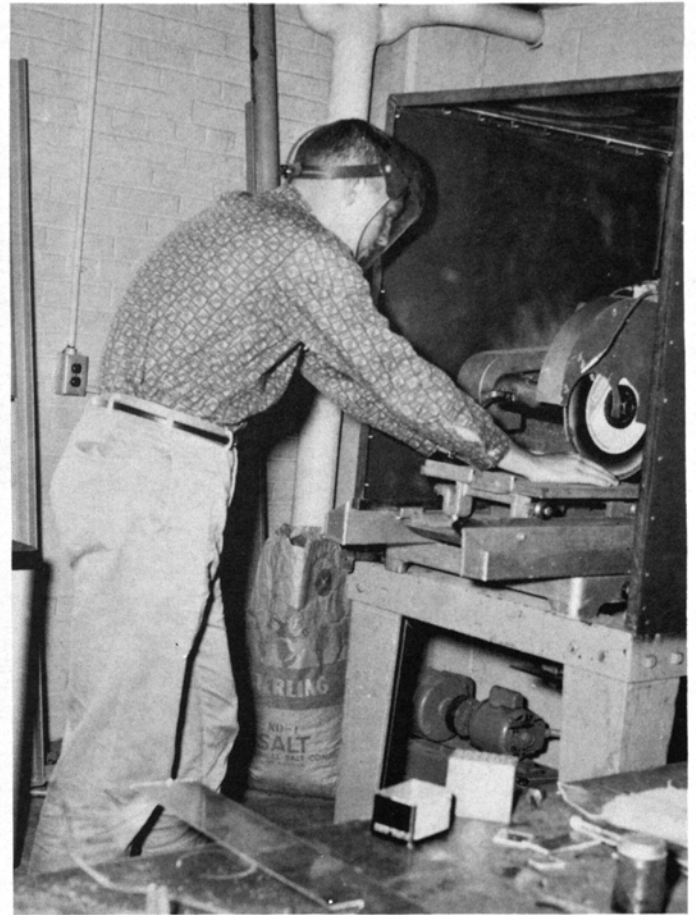
Dr. Planje, Department chairman.

CERAMIC ENGINEERING

Ceramics, a conception forwarded to us by prehistoric man, has been refined again and again to give the engineer of today a very important and challenging field of study. Ceramic engineering, the formation of products from non-metallic earthy materials by thermal changes, affords a well-rounded study of the fundamental sciences and allied engineering subjects.

Compared to that of the other major engineering fields, the number of Ceramic graduates per year is small, but the importance of Ceramics in such areas as space travel is becoming immeasurable. The MSM Ceramic Engineering Department is now the fourth largest in the United States.

Careful analysis of data essential.



Individual perfection in technique stressed.



Up to date equipment in ceramics lab.



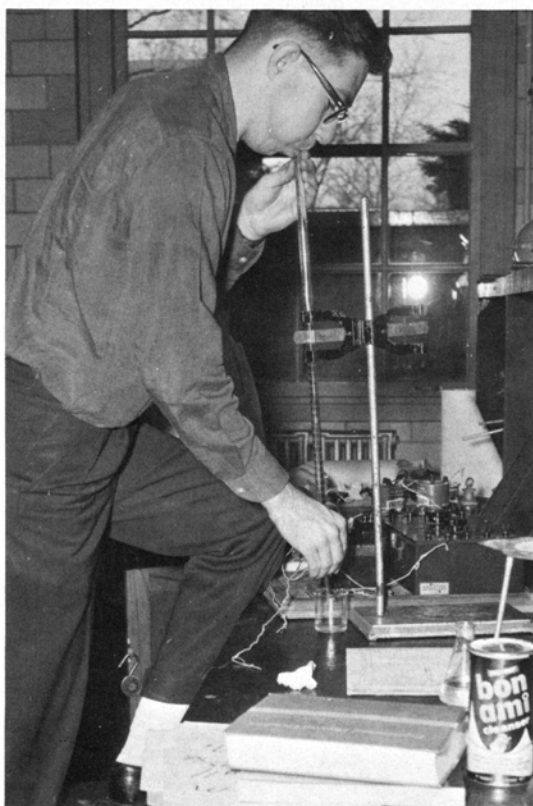
The Chemical Engineering Building.



DR. DUDLEY THOMPSON
Department Chairman



CHEMICAL ENGINEERING & CHEMISTRY

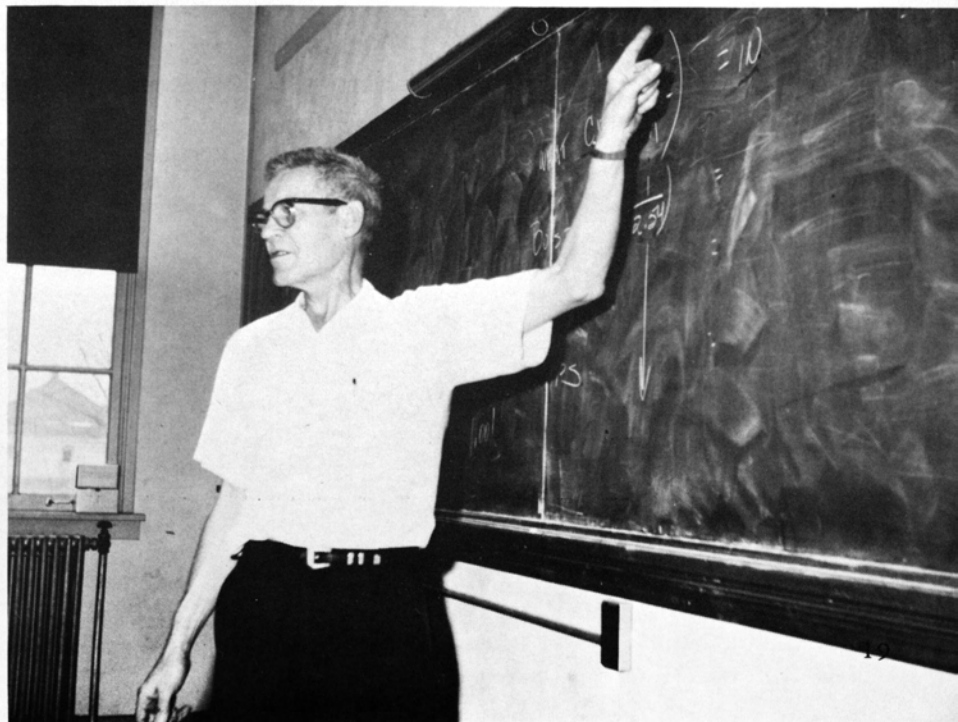


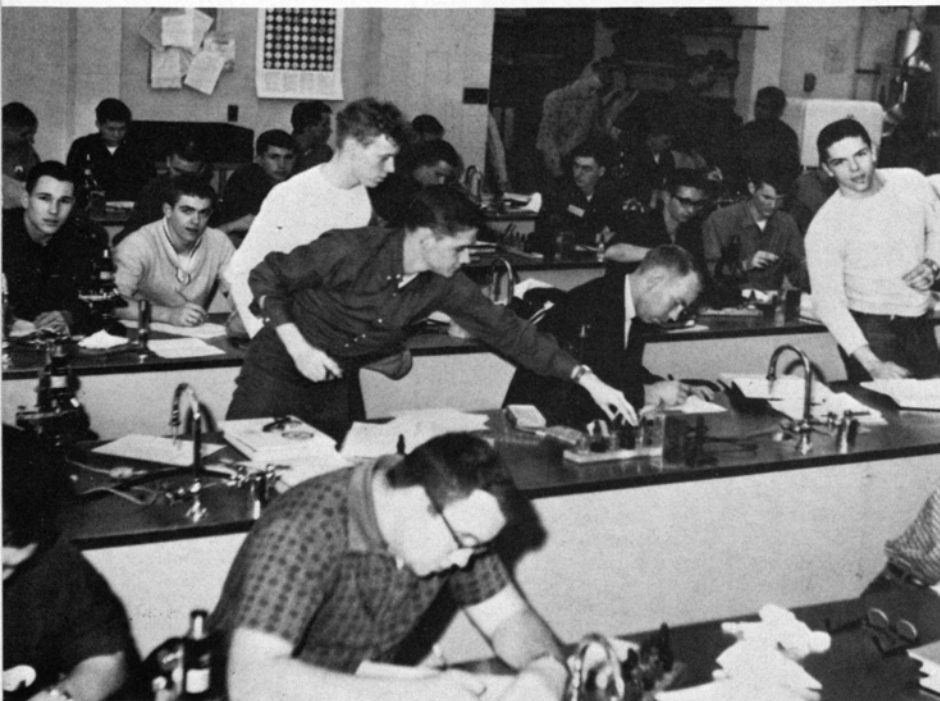
Chemistry lab.

The realization of the possibilities of chemical engineering in a supposedly ultra-modern world of tomorrow has been clearly echoed by the increased emphasis placed on this field by today's educators. The expanded and improved laboratories, the well-manned staff of instructors, and the newly extended graduate doctoral program point to the significance of the Chemical Engineering and Chemistry Department on the Missouri Mines campus.

With the enrollment in chemistry now at a zenith, the future of graduate engineers in this field is understandably optimistic.

Large lecture sections are broken down into smaller recitation groups.

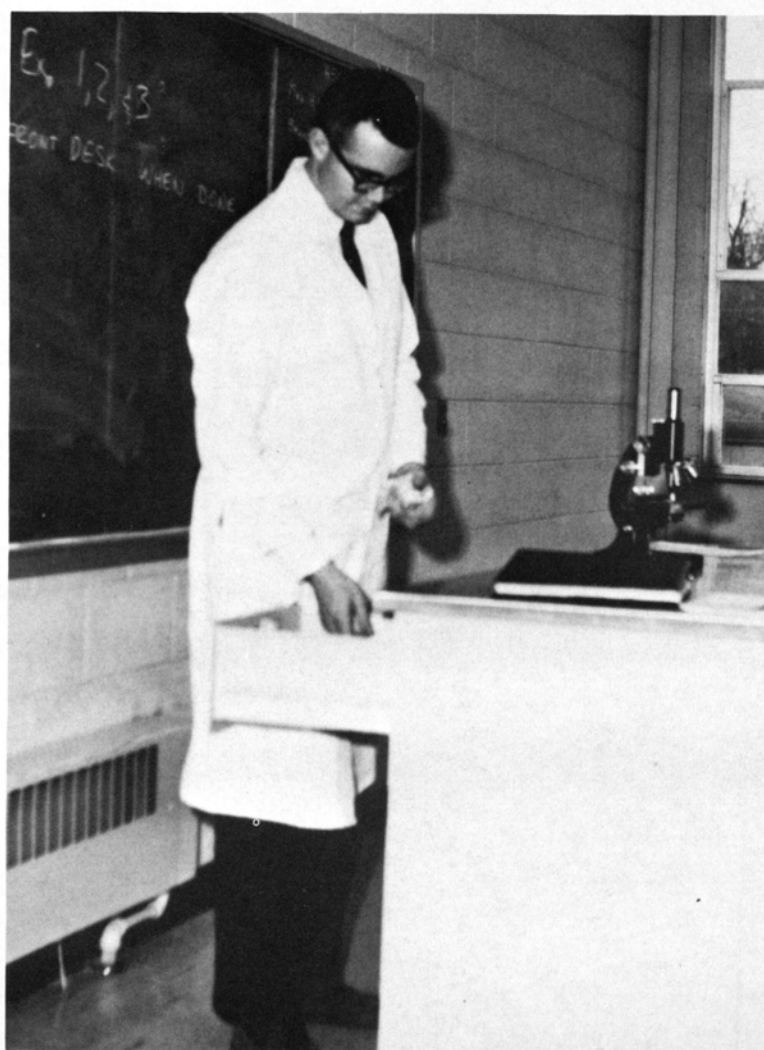




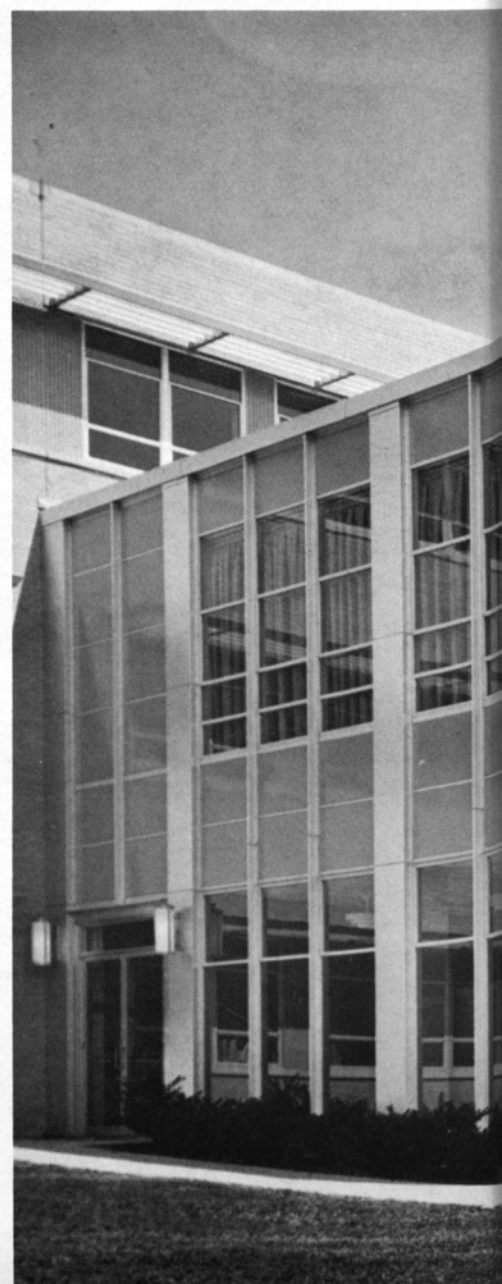
Civil engineering lab.



Professor ERNEST CARLTON,
Department Chairman.



Classroom demonstration.



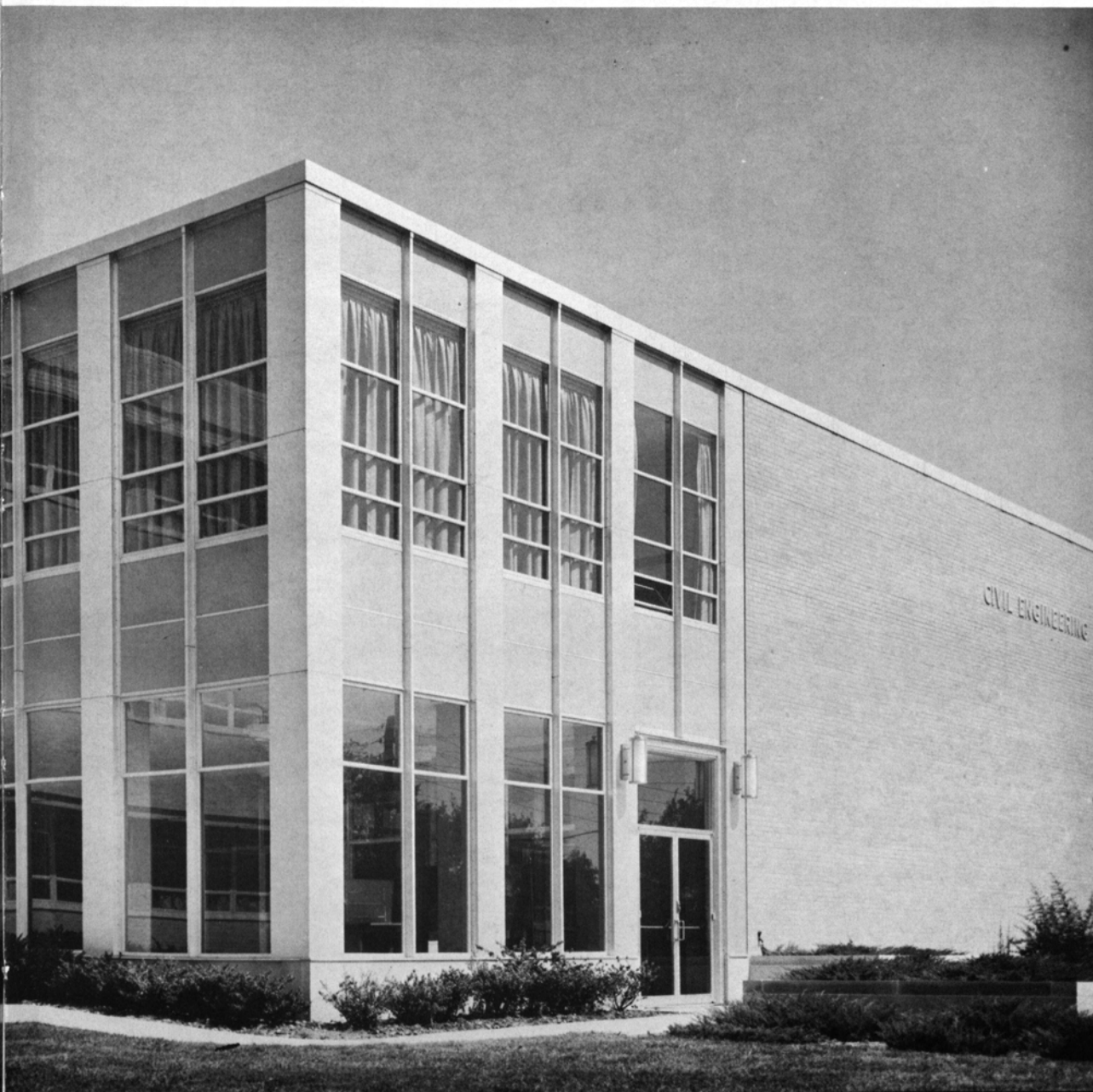
CIVIL ENGINEERING

When the world began and the first signs of civilization appeared, civil engineering also made its appearance. Engineering, the art and science by which natural forces and materials are utilized in structures or machines, is classified in the civil field as the planning, design, and building of private structures and public works.

Specialization, common to all engineering fields, offers the areas of highways, railways, hydraulics, structures, foundations, sanitation, and consulting to an aggressive young man interested in civil engineering.



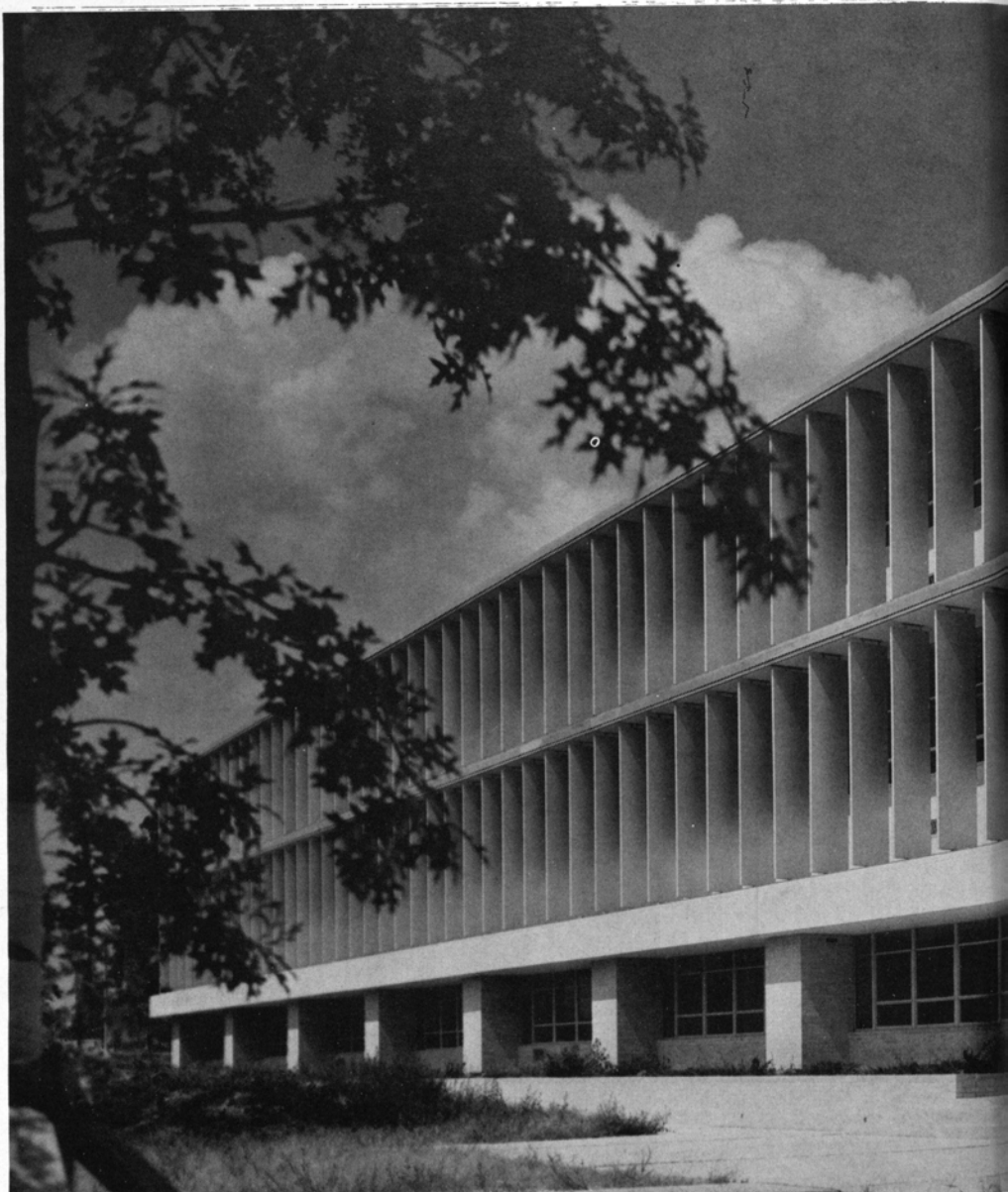
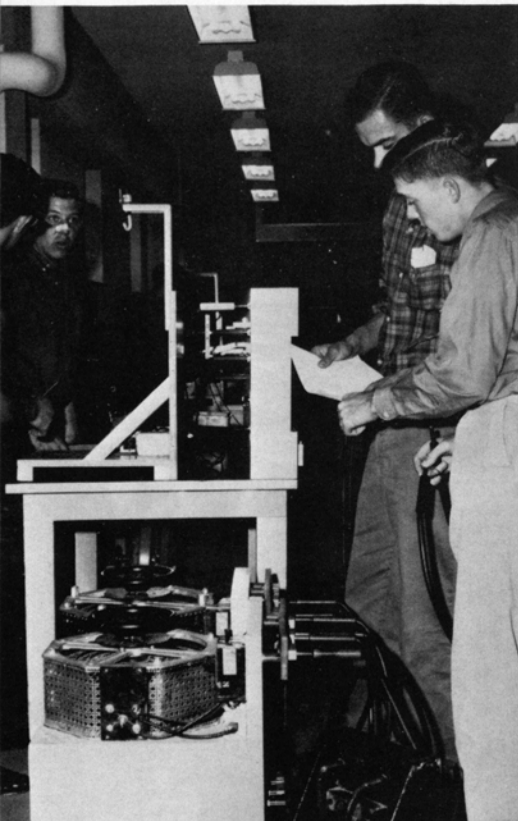
Civil instructors Thompson and Best comparing notes.



The Civil Engineering Building.

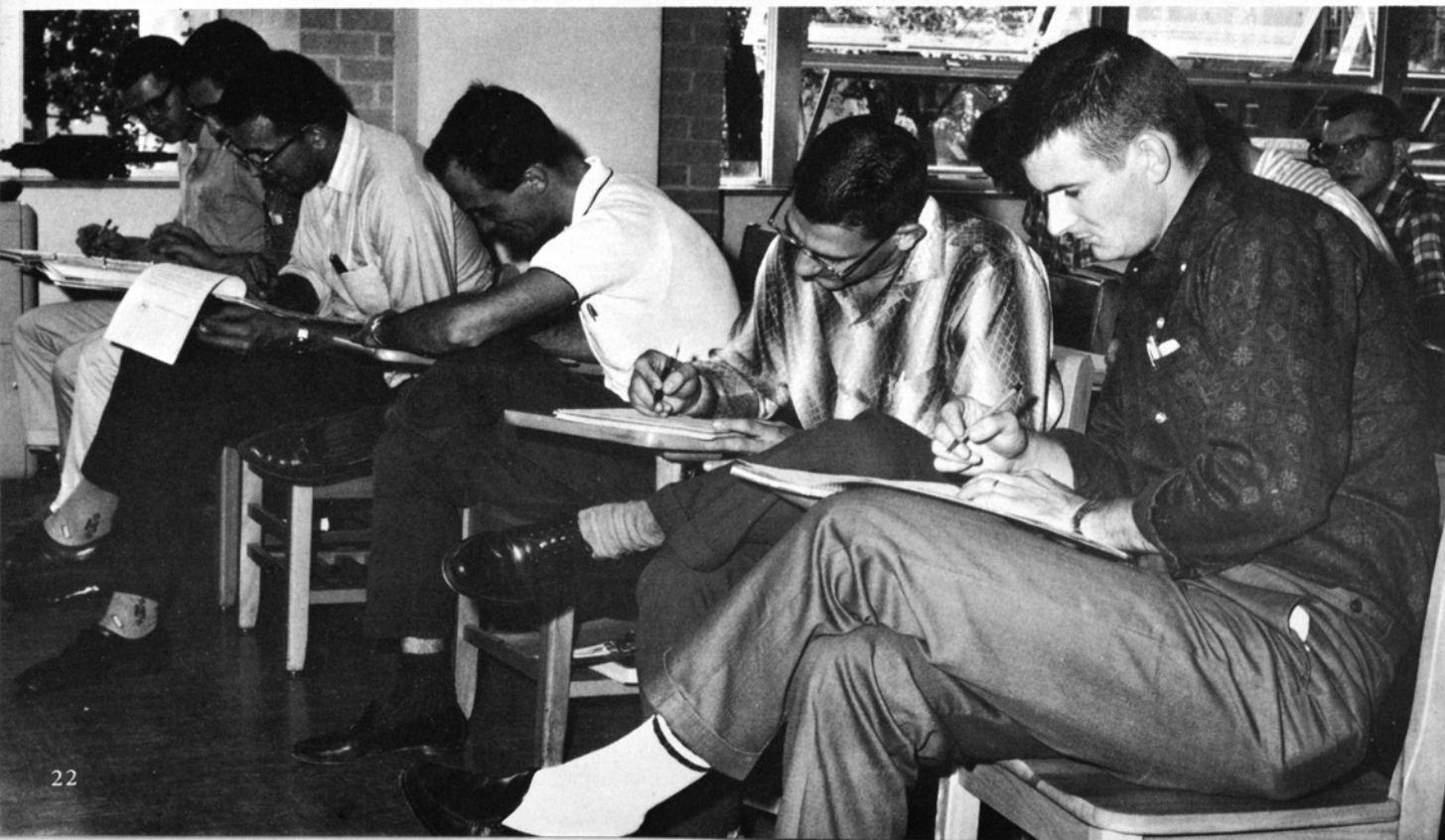
ELECTRICAL ENGINEERING

Electrical engineering lab.



The modern electrical engineering building.

Heavy problem assignments keep students busy.



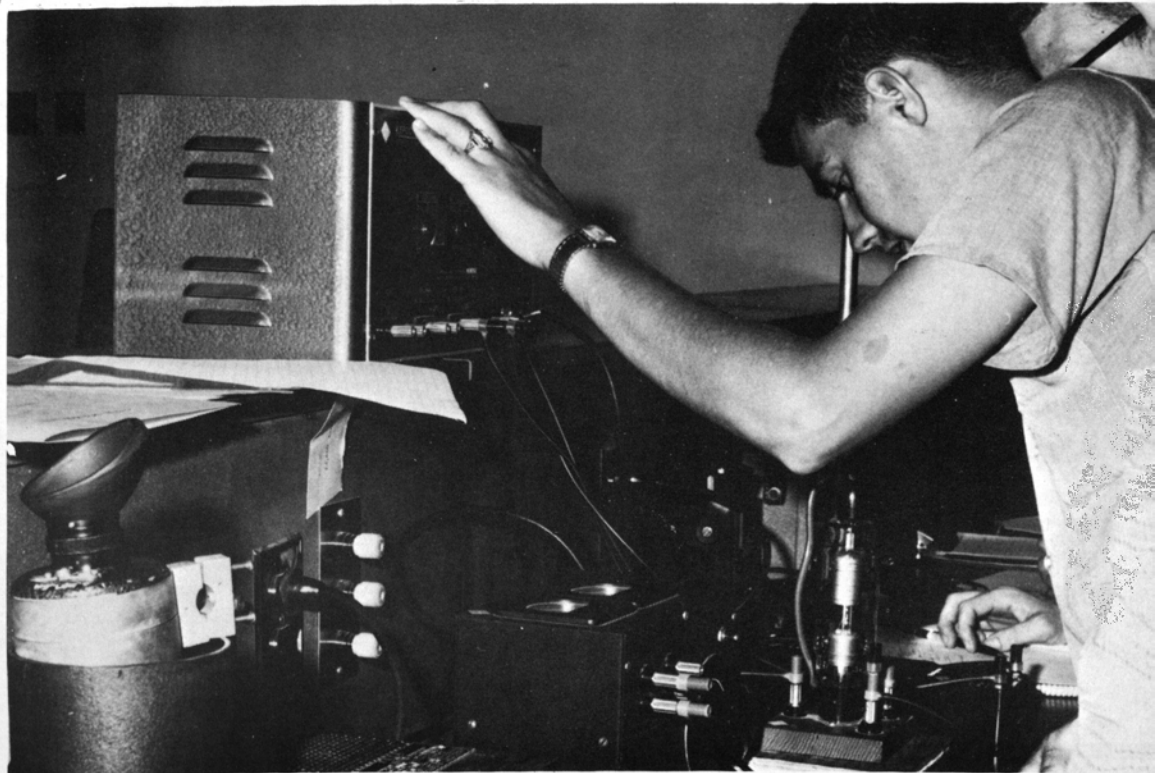


Dr. ROGER NOLTE, *Department Chairman.*

Modern electronic equipment.

The Electrical Engineering Department engages in a continuous program of modernization and improvement of course work, experimental research, library facilities, and in the procurement and development of a well-qualified faculty.

Wide diversification in choice of study is evident in the following divisions: network analysis and synthesis; electronics and electronic devices; servomechanisms and automatic controls; fields, microwaves, antennas, and radiation; energy conversion and transmission.





Professor LLOYD CHRISTIONSON, *Department Chairman.*



The feminine touch.

The primary purpose of the Engineering Graphics Department is to instruct the engineering student in the fundamental principles of drafting techniques. Engineering graphics helps to fulfill the need for effective communication among engineers.

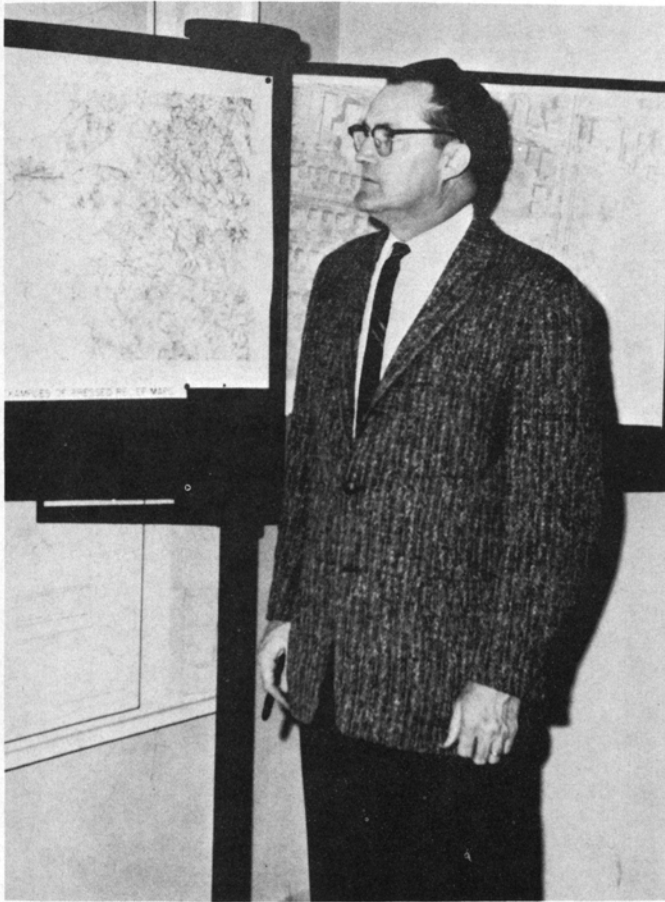
ENGINEERING GRAPHICS

Engineering graphics required for all engineers.



Close supervision by well-trained faculty members.





Dr. PAUL PROCTOR, *Department Chairman.*

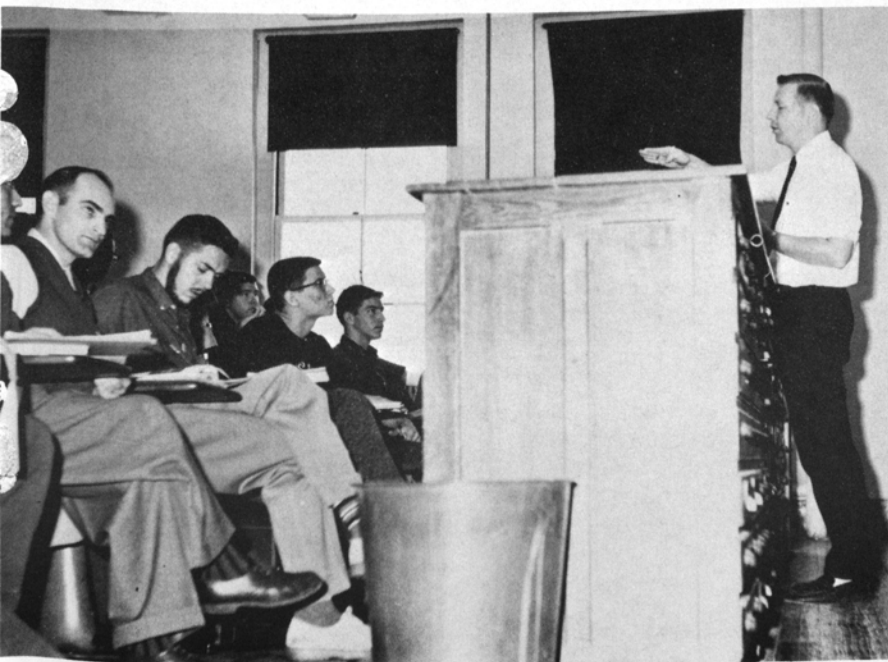
GEOLOGY

Geology is the study of the earth and other celestial bodies through the application of all science and scientific methods. The problems of engineering design, construction, and exploration are the areas in which a geological engineer meets his challenge.

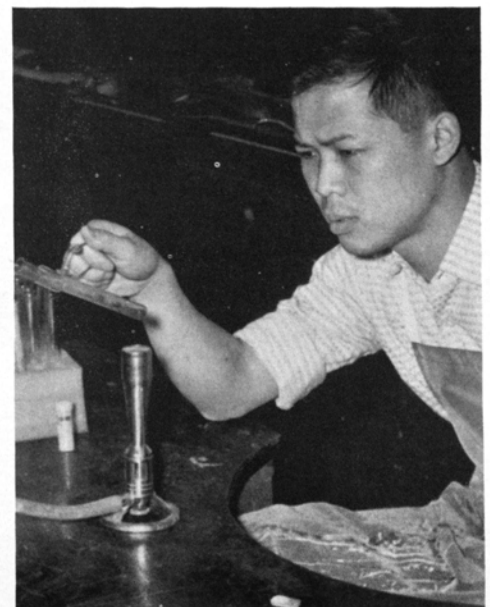


Correct use of equipment important.

Analysis in the classroom.



Laboratory analysis.



The Rolla Building.





Professor SAMUEL LLOYD,
Department Chairman.



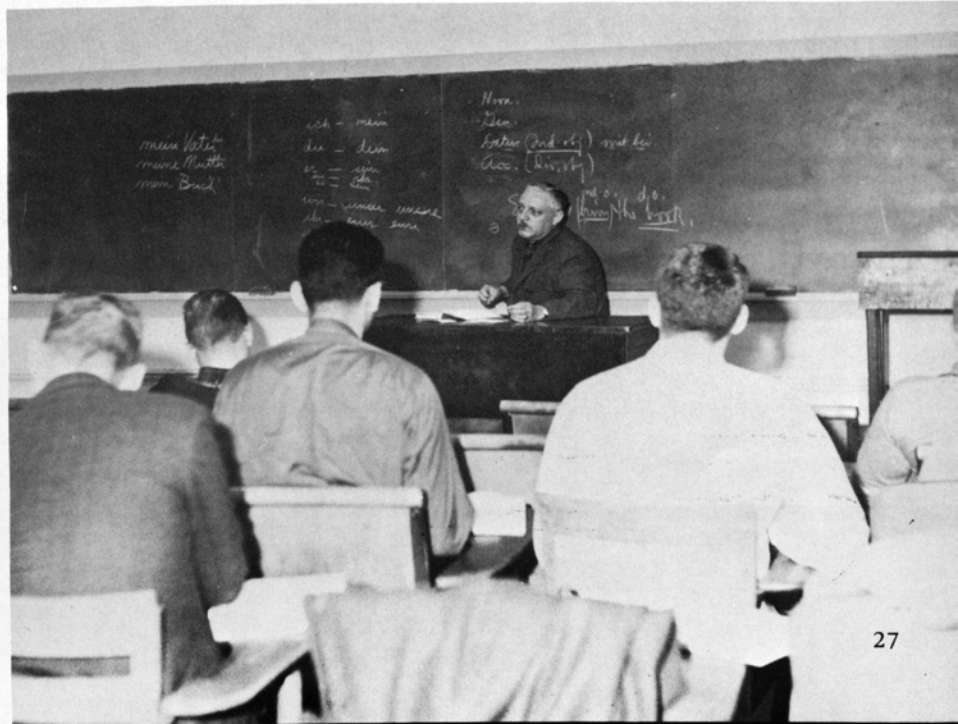
Mr. Pendergrass reveals some interesting
sidelights.

HUMANITIES

The Department of Humanities and Social Studies attempts to fulfill the need of the graduate engineer for a firm grasp of social conditions and pressures. Courses in English grammar, technical report writing, and public speaking stress the importance of clear speaking and writing.

Economics, history, political science, and psychology emphasize some of the social and economic changes the successful engineering businessman must understand and consider. Foreign language is taught as a tool in scientific research, as well as a means of communication.

German courses taught by Professor Moulder.





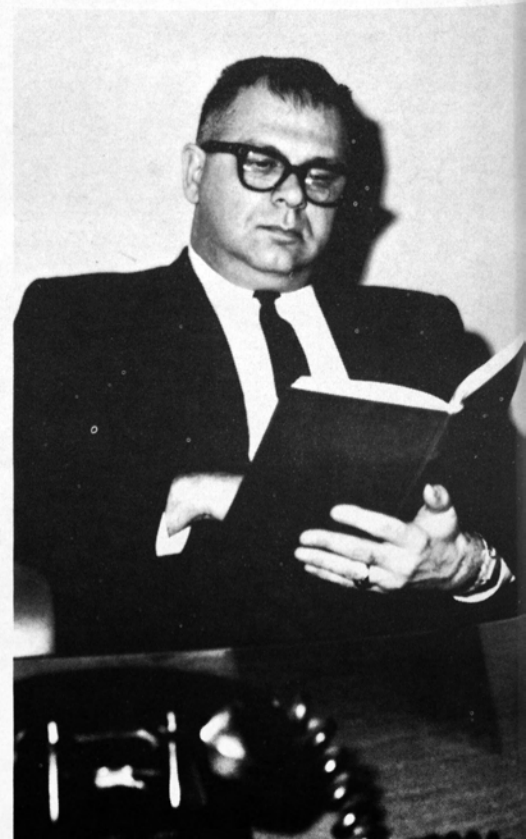
Harris Hall.

MATHEMATICS

Some of the greatest scientific advances in history first came about through mathematical application before the actual proof in the laboratory. The Missouri School of Mines and Metallurgy, one of the top engineering schools in the nation in size and quality, must have an outstanding mathematics department to prepare its engineers for their role in meeting the demanding challenges of the precisely controlled world of the future.

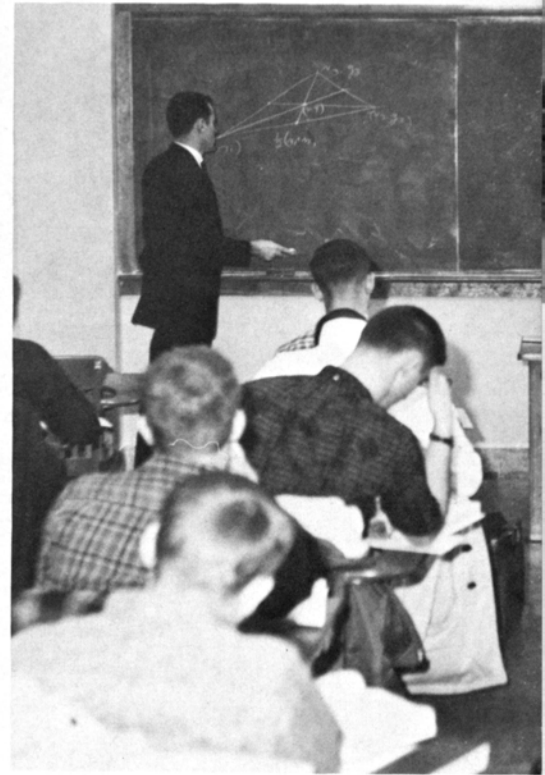
From basic college algebra to the highly complex theories of differential equations, the department offers exacting courses under well-trained teachers. The design and application of high-speed computers in the engineering field is also taught as a part of the rapidly expanding system of calculation.

Professor DICKRAN ERKILETIAN,
Acting department chairman.





High-speed computers very helpful in mathematics.

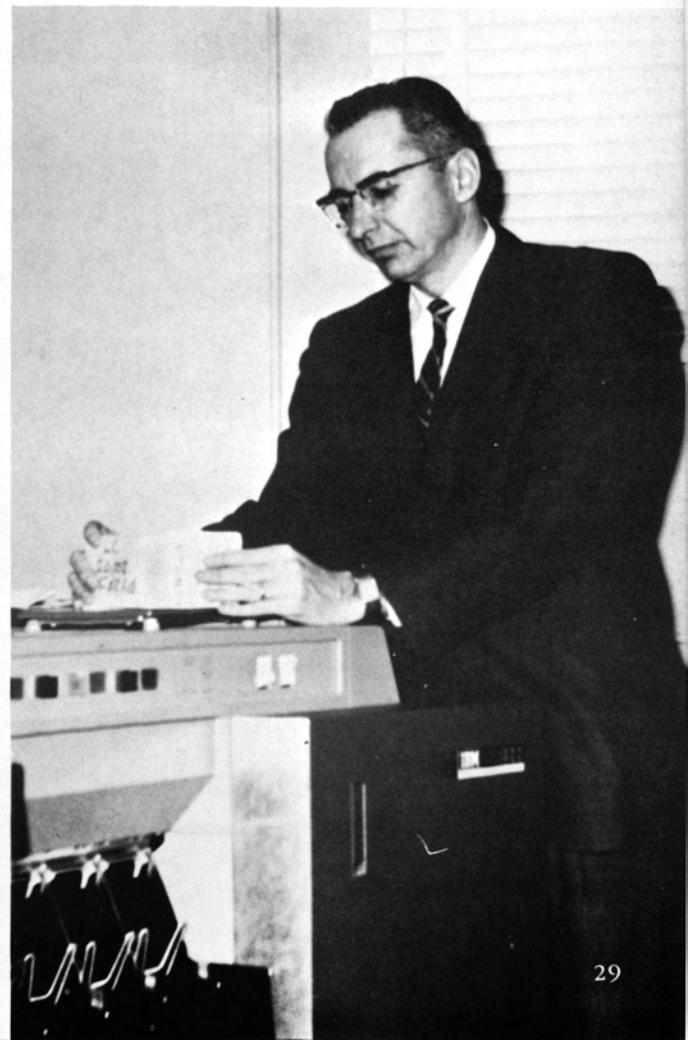


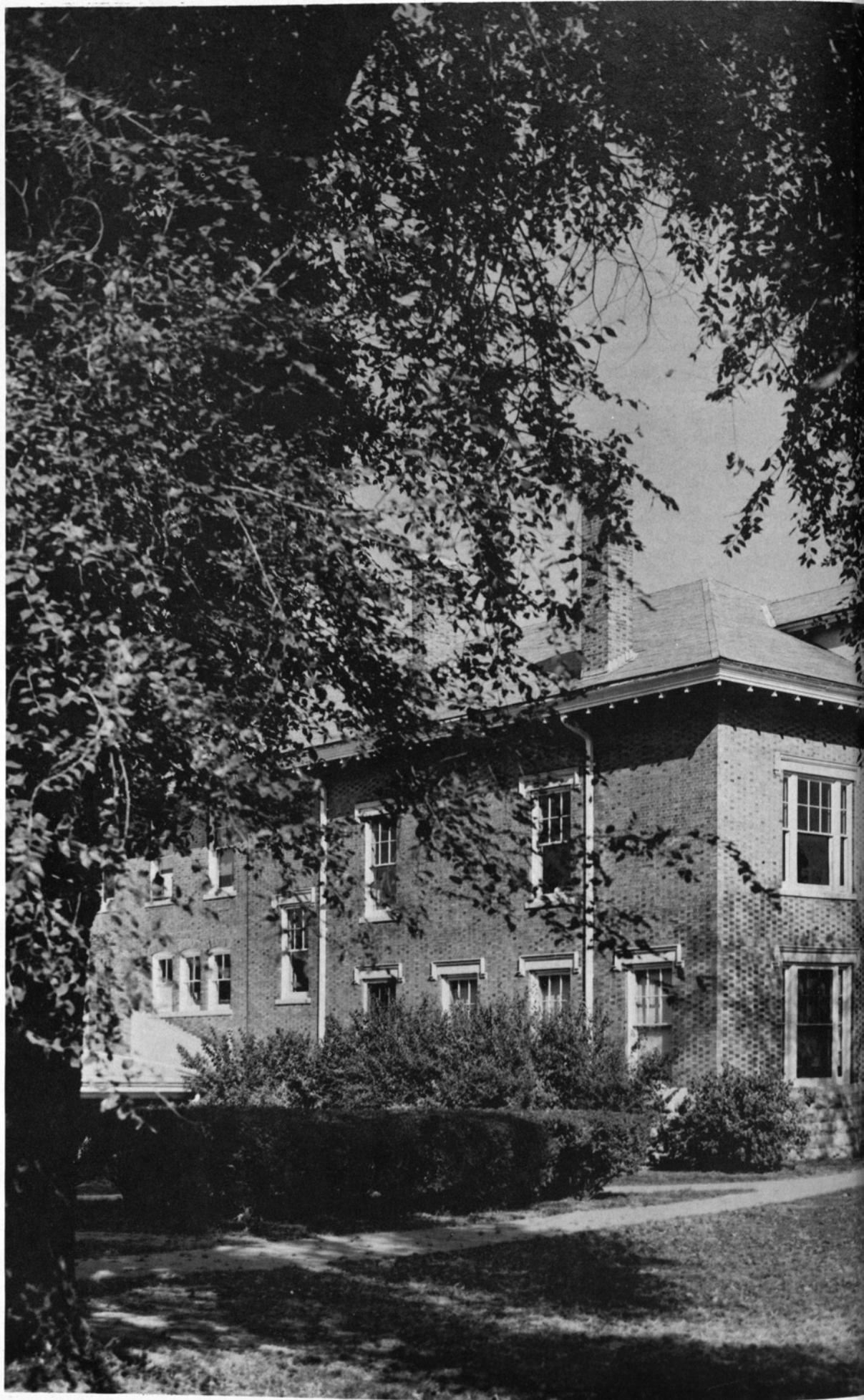
Mr. Rogier finds the solution.



Friendly face in the math building.

Professor Lee, Director of the computer center.

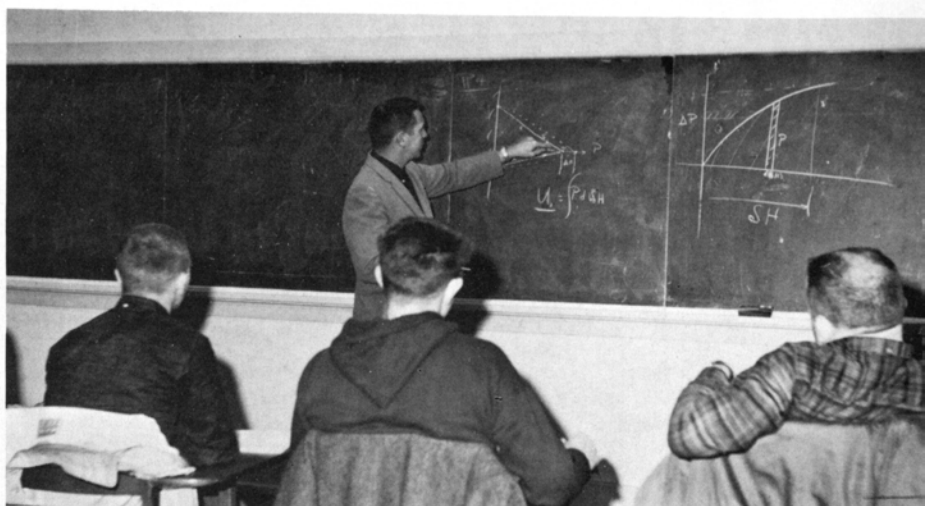




The Old Metallurgy Building.



Bill Atchley explains basic statics principles.



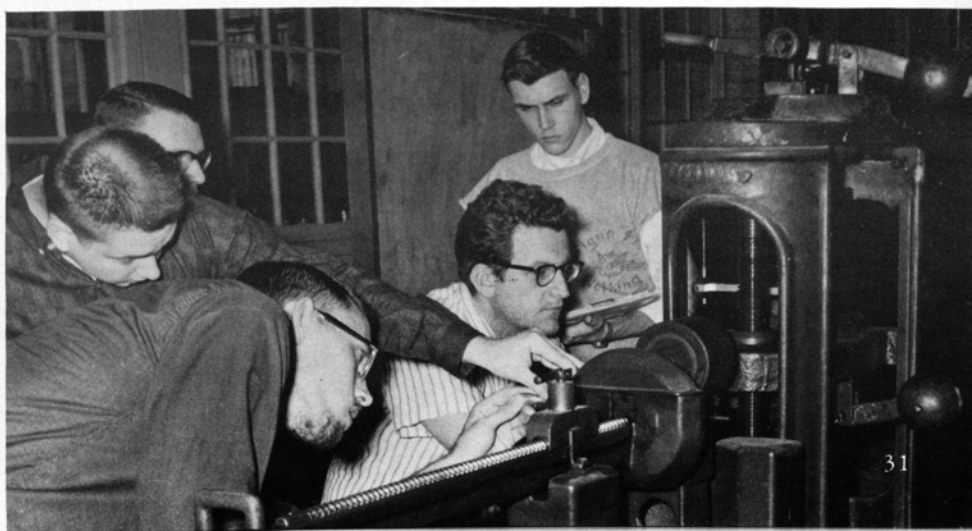
Professor ROBERT DAVIDSON,
Department chairman.

MECHANICS

Engineering mechanics is essentially a study of the effects of forces acting on bodies.

Of primary concern to the engineer are the external effects of a system of forces acting on a rigid body. Mechanics courses use applications of mathematical and physical fundamentals to solve problems of engineering design and analysis.

Materials Testing laboratory.



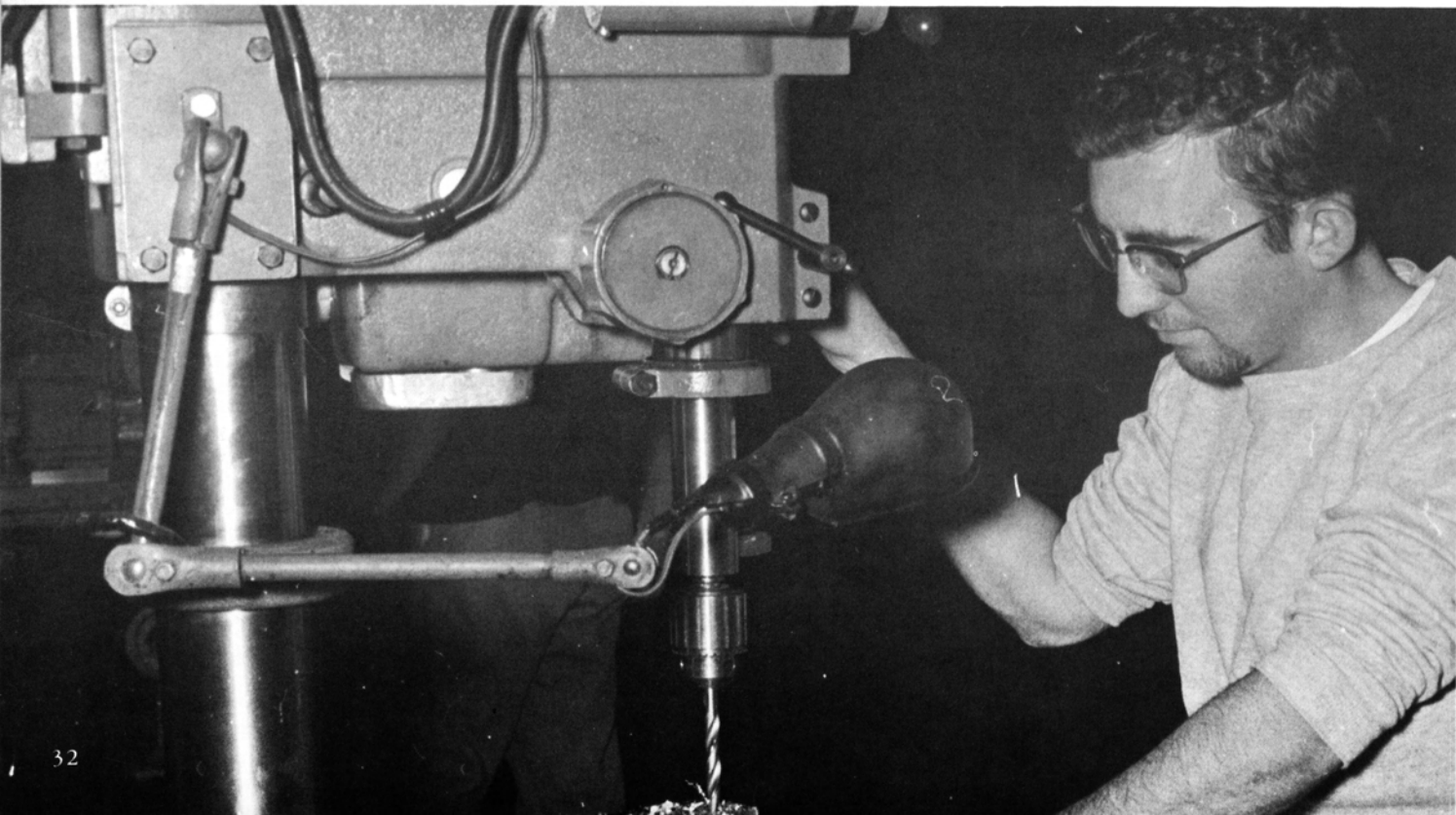
MECHANICAL ENGINEERING

Dr. AARON MILES, *Department chairman.*



The Mechanical Engineering Building.

Safety very important in machine lab.

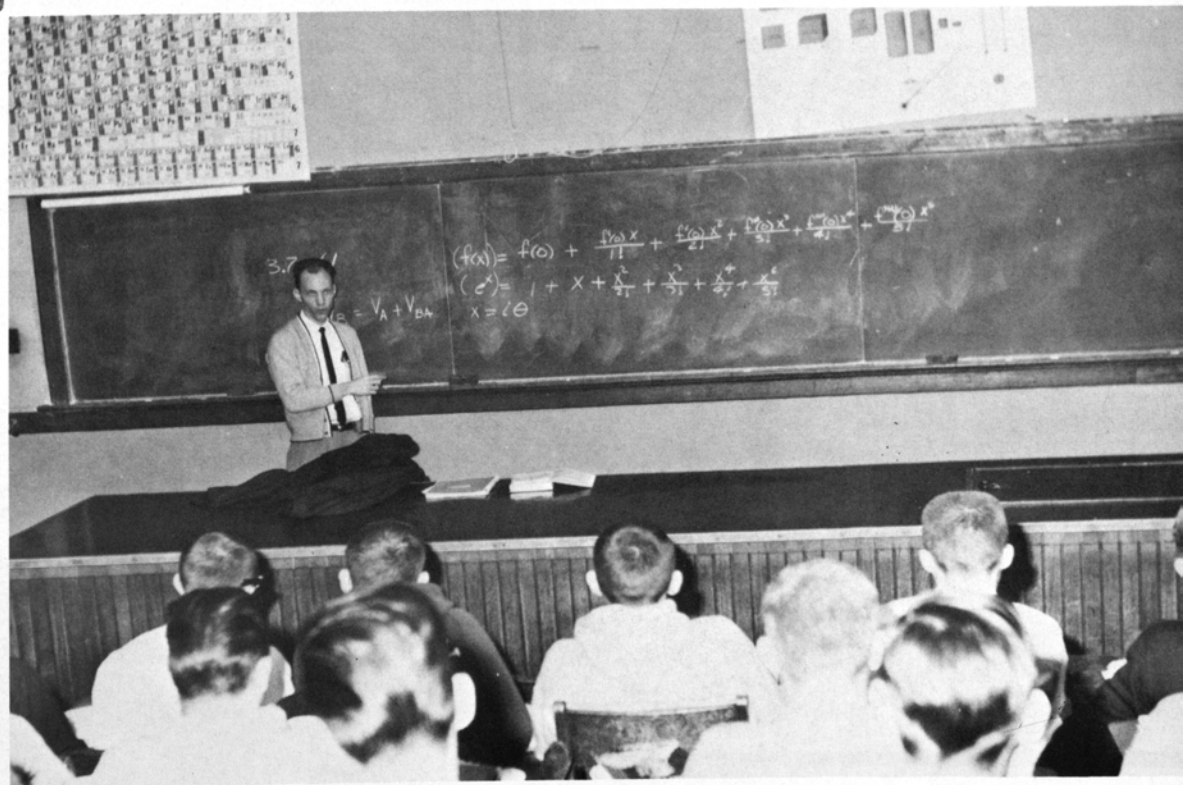




Welding techniques stressed.

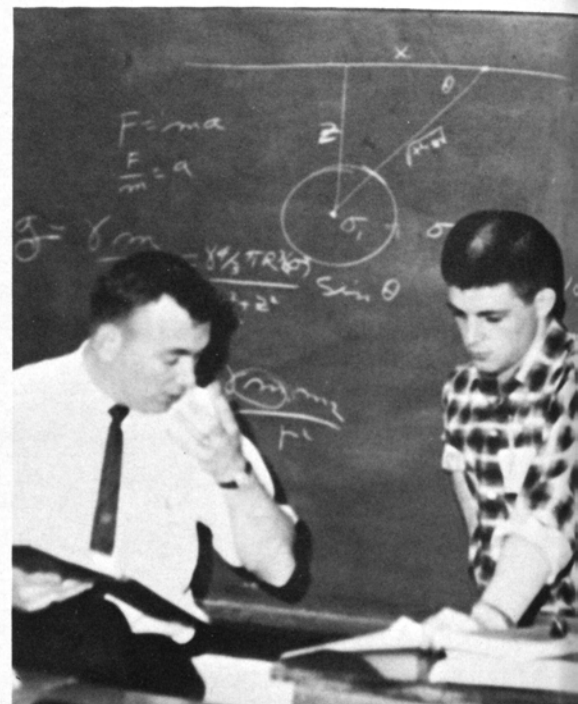
The first of many defining equations!

Power plant design, machine design, shop practice, applied mechanics, refrigeration, air conditioning — these are only a few of the many choices available to the mechanical engineering student. One of the major advantages in the mechanical engineering field is that there is less specialization until the final year of the program. This enables the student to obtain a candid picture of the entire mechanical field and carefully decide in which area he will concentrate his efforts after graduation.

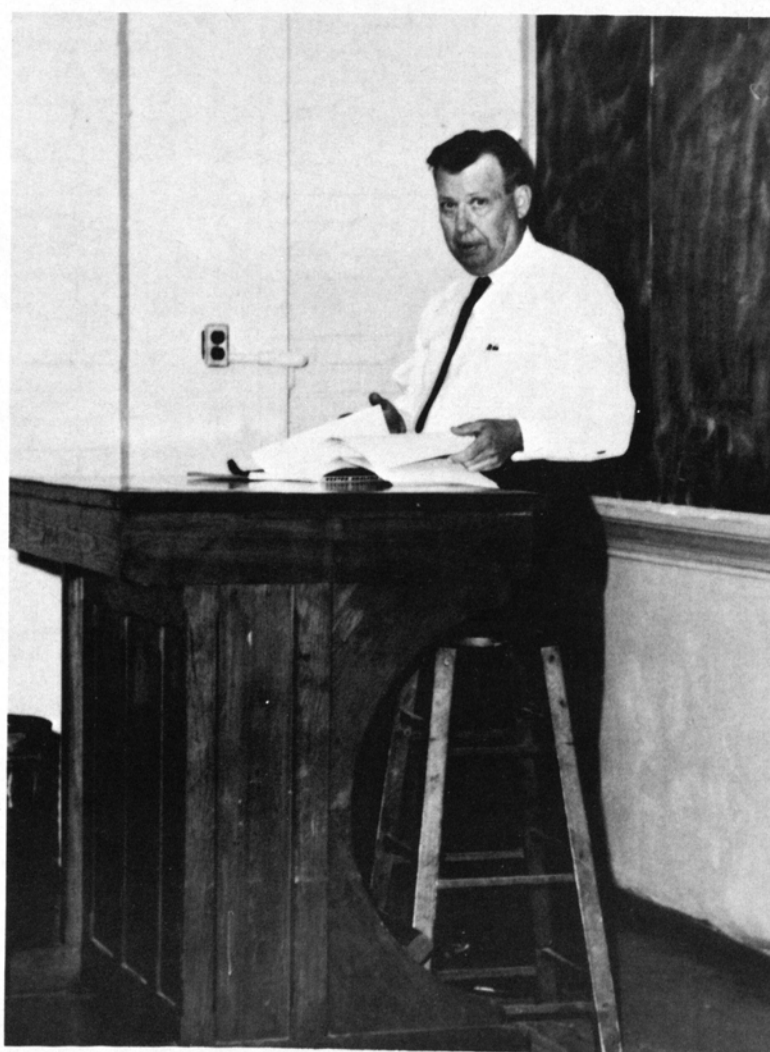




Students receive practical training.



Classroom consultation.



Dr. Zenor giving mining lecture.



MINING ENGINEERING

Spheres of professional enterprise in which the primary purpose is to secure mineral substances from the earth's crust are administered together as options within the department of Mining Engineering. These spheres are mining geology, mining engineering, and petroleum engineering. Each student may work for complete education in any of the optional fields.

The department offers the degrees of bachelor of science, and doctor of philosophy in any one of the optional fields.



Professor JOHN GOVIER, *Department chairman.*



The Mining Building.



Fulton Hall.

METALLURGICAL ENGINEERING

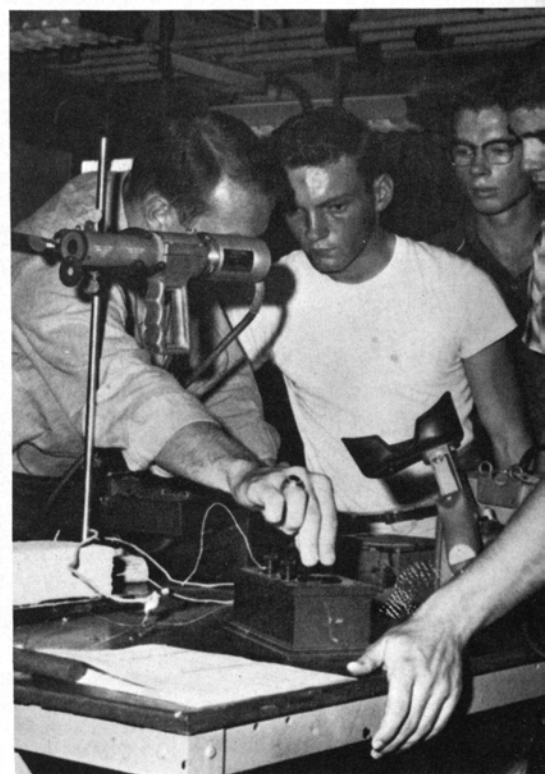
Metallurgy, the art or science of separating metals from their ores and preparing them for use was one of the first engineering curricula offered at MSM. A metallurgy student gets a candid look at what the field of metallurgy can offer in his junior year, when he is required to take the three basic components of the curriculum; physical metallurgy, extractive metallurgy, and minerals. During his senior year, he is permitted to take advanced courses in electro-metallurgy, metallurgical thermodynamics, radiography and nondestructive testing, alloy steels, and powder metallurgy.

Safety stressed in all labs.





Dr. ALBERT SCHLECHTEN, *Department chairman.*



Interested faces view experiment.



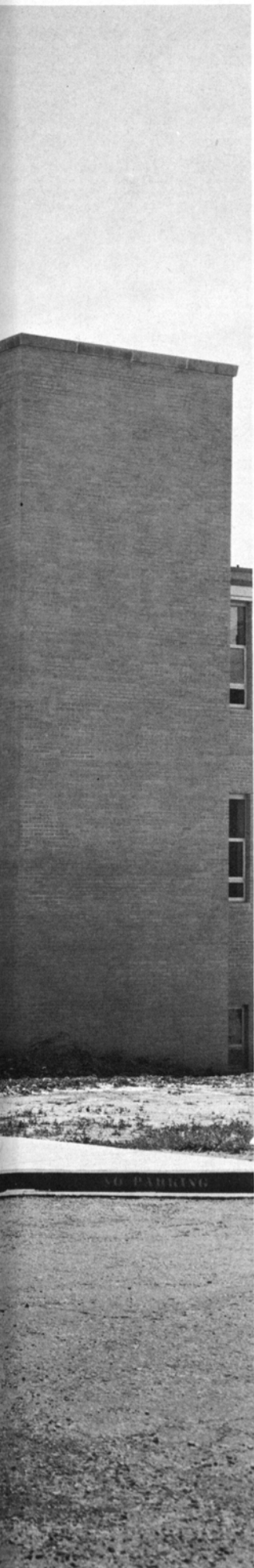
Metallurgy lab.



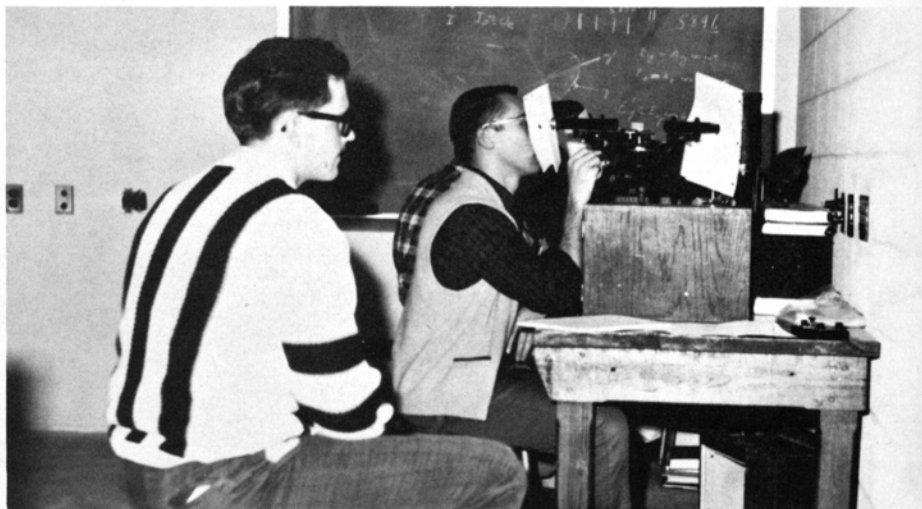
Professor Eppelsheimer entertains questions.

The Physics Building.
The modern Physics Building was
recently completed.





General physics courses required for all students.



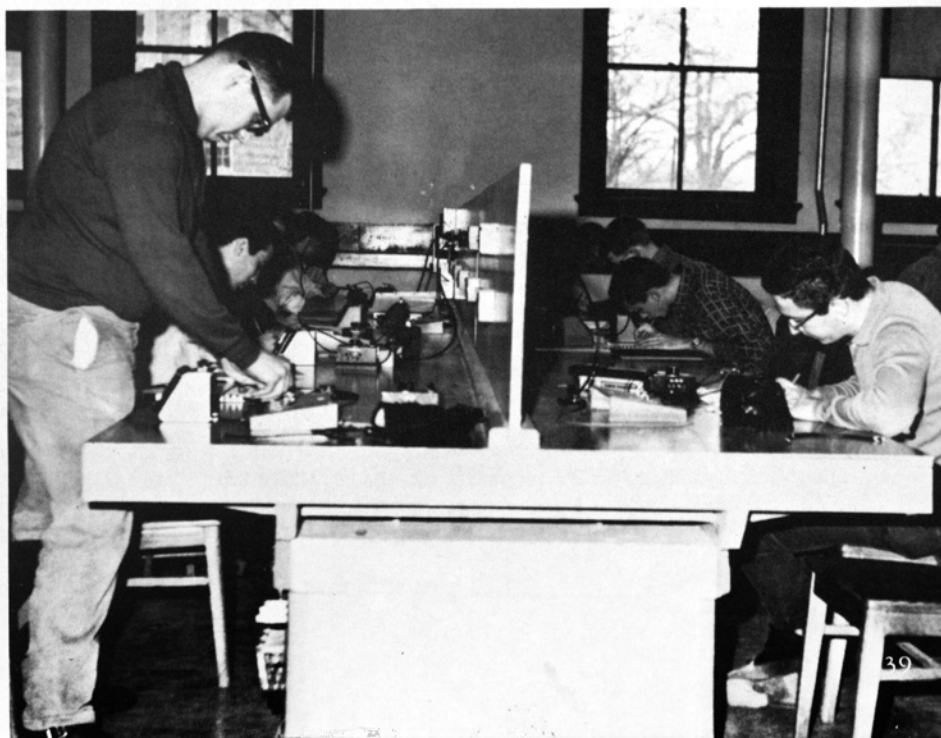
Dr. HAROLD FULLER, *Department chairman.*

PHYSICS

Physics is the foundation upon which engineering and technology is built. It deals with energy in all its forms, with the interaction of matter and energy, and with the structure of matter. All graduates of the school are required to have at least ten hours in general physics before studying further in any engineering field.

In recent years, the number of majors in the department has been increasing rapidly. Academic work is offered leading to the bachelor's and master's degrees in physics and to the Doctorate in engineering physics.

Electronics and light covered in the second lab course.



ROTC

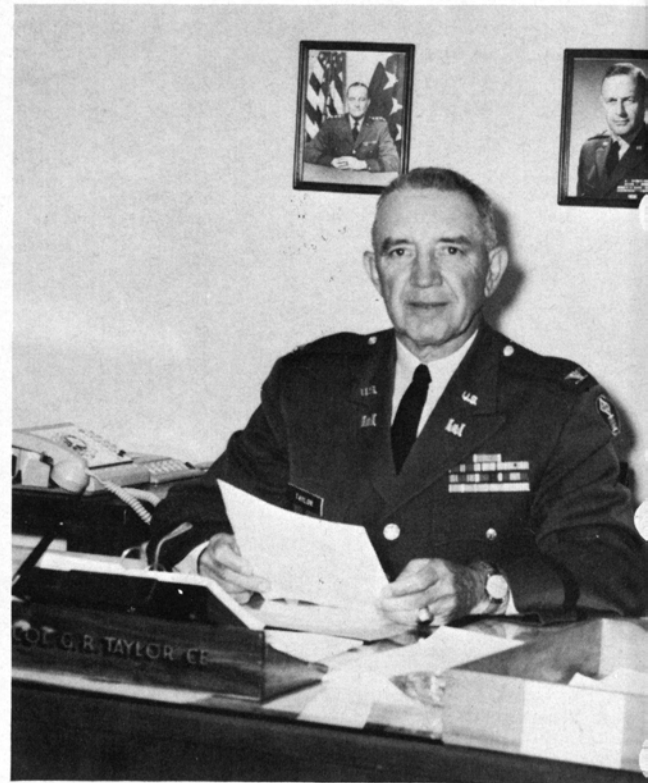


MSM's excellent drill squad, the Pershing Rifles.

The military department not only supplies the country with trained officers, but also develops character, leadership, and responsibility.

The courses in the ROTC department are basically in engineering. These are designed to prepare students for commissions in the Corps of Engineers.

MSM students at ROTC summer camp.



COLONEL GLENN TAYLOR,
Department chairman.

The newly formed counter insurgency group, the Raiders.





The first company of Raiders at MSM.



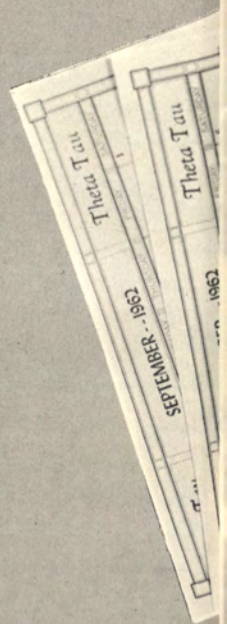
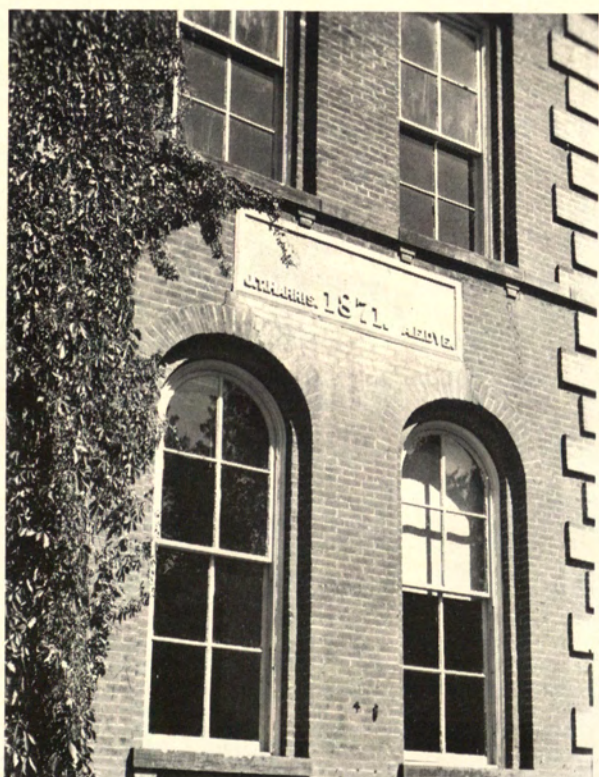
Raiders on the move.



You're in the Army now — summer camp style!

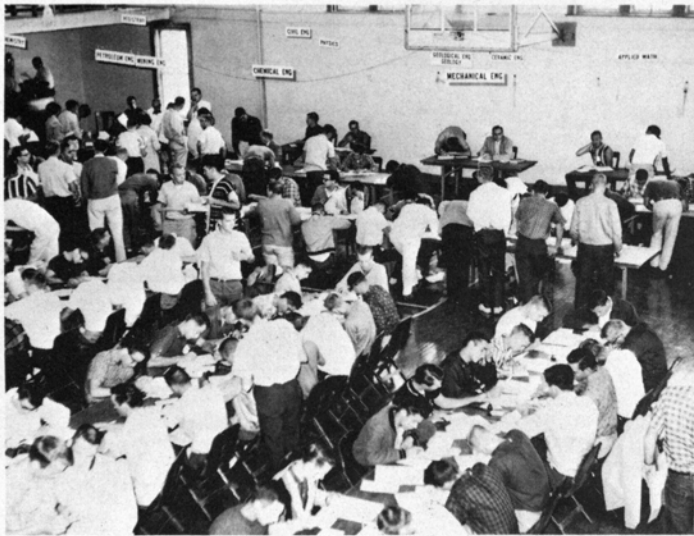
MSM's aviation cadets. From left: McDuff, Pohlig, Schot, Schmitt, and Goodman.







CHRONOLOGY



First day of registration and headaches.

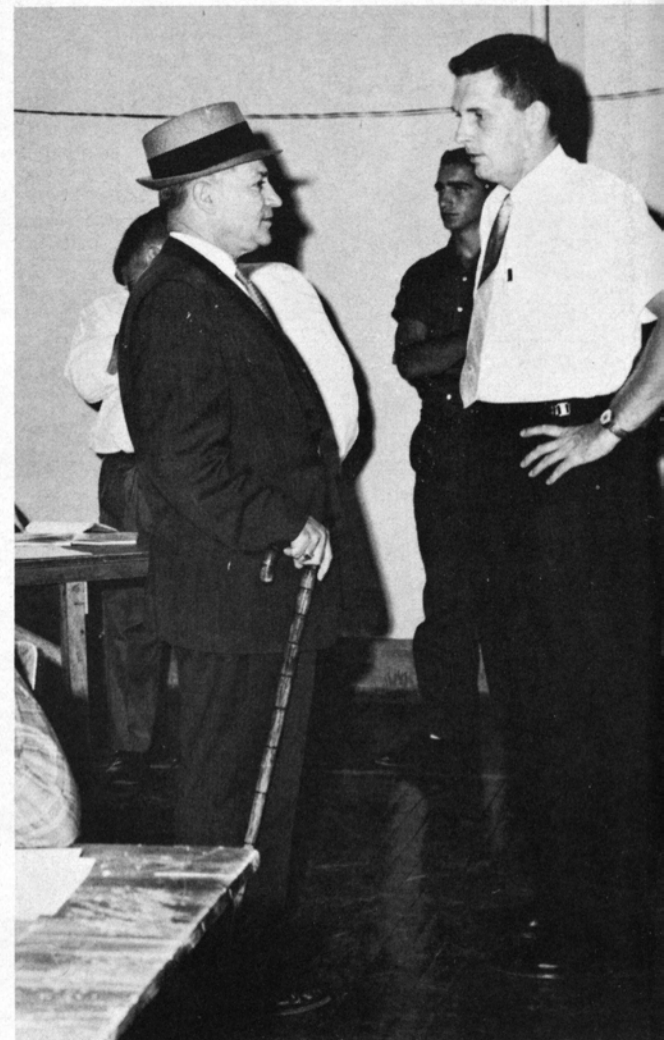
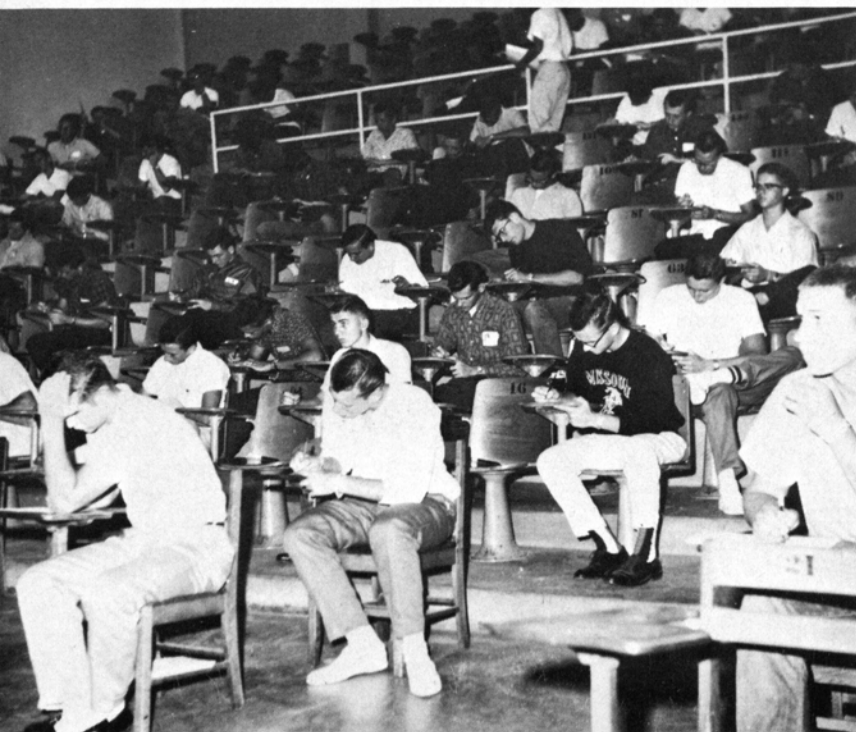


Goodbye dear money!

REGISTRATION

The steady increase in enrollment at MSM is making the school's competitive system of education more difficult as time passes. The largest enrollment in the school's ninety year existence made MSM one of the top ten engineering schools in size in the nation.

The first of many exams.



Dean Hershkowitz and Registrar Lewis check signals at registration line.



Dr. Planje gives some enthusiastic freshmen a tour of our "coed" campus.

ORIENTATION

Several days before classes actually begin, new students become acquainted with their new environment. Freshman orientation exams, department tours, and school regulation and policy lectures give the future engineers a thorough picture of what to expect in the next few years.



Tomorrow's engineers getting the word about the future.

Dean Wilson greets new students.



Dean's reception.

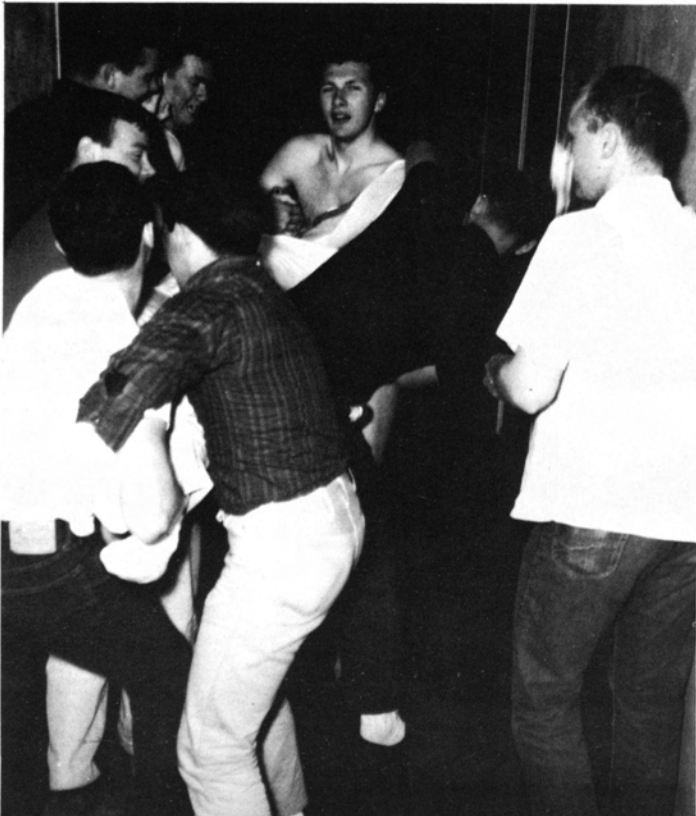
RUSH WEEK



Center of attraction.

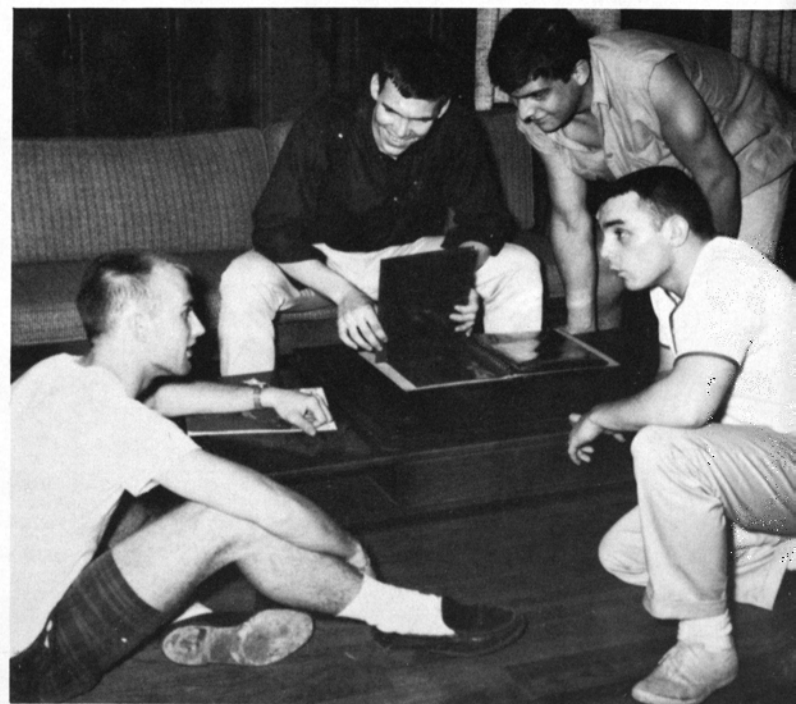
Many new students at the School of Mines find fraternity life well suited to their personalities. The sixteen social fraternities of the school plan a wide range of activities to entertain and inform prospective pledges. During the past fall semester, 230 men pledged the fraternity system. About one third of the new students begin fraternity life every fall semester.

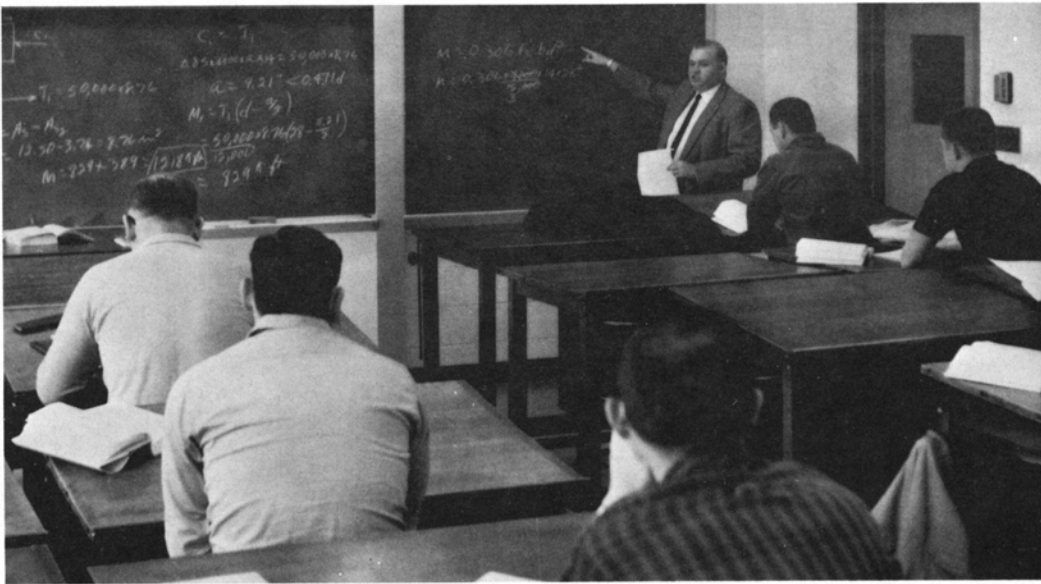
The hard way to take a shower!



Rush week entertainment.

Relaxing after a strenuous day at the mines.

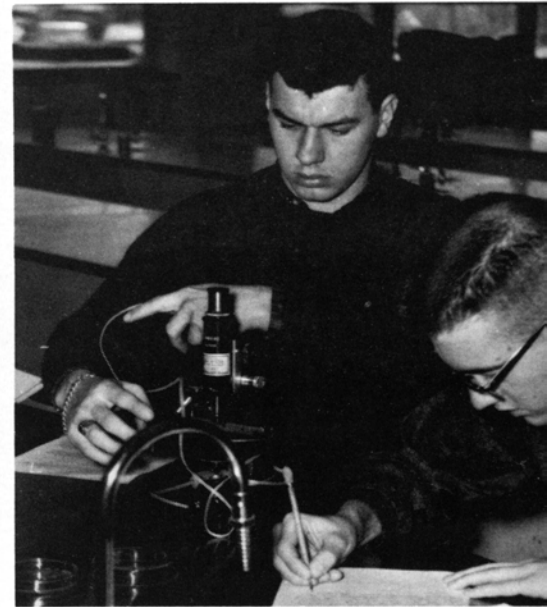




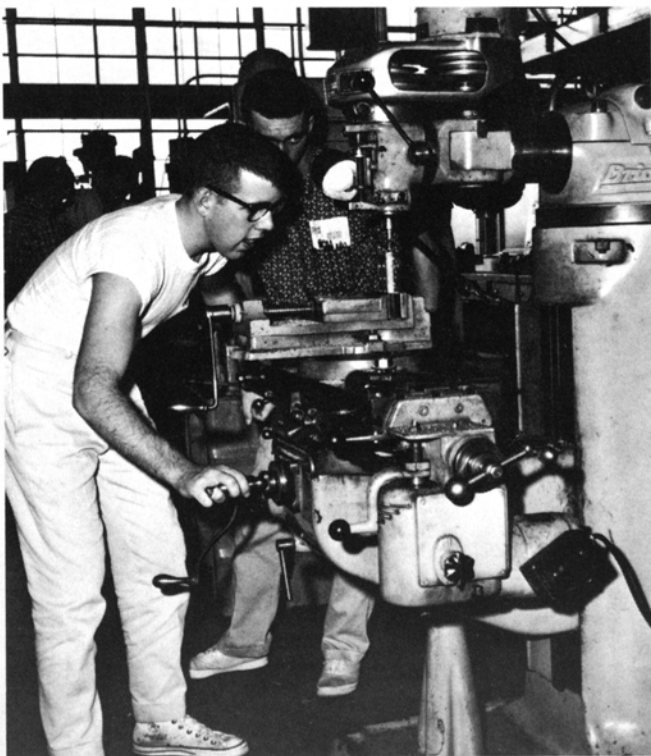
Professor Bayless finds the solution.

CLASSES BEGIN

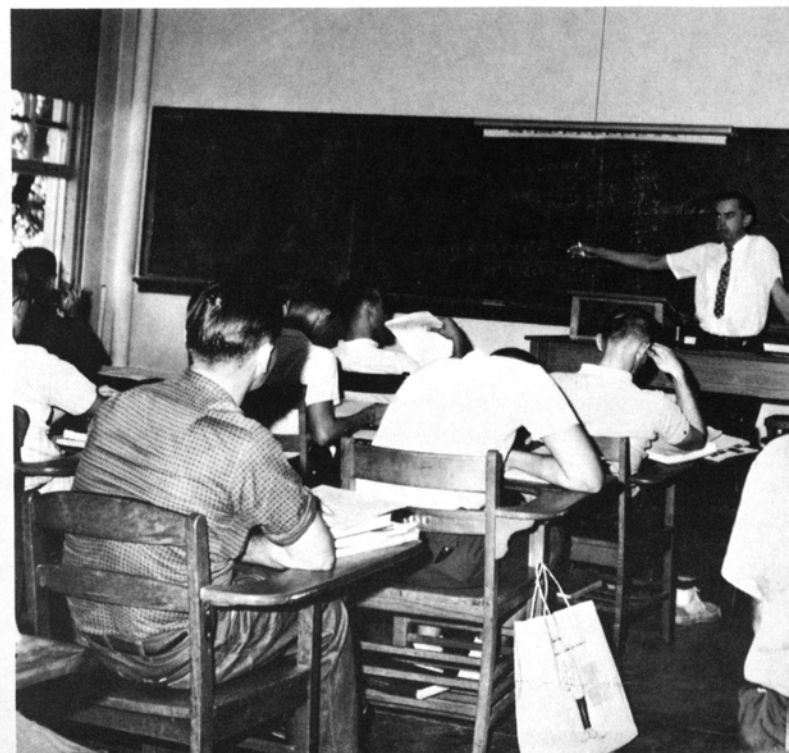
A well trained faculty makes MSM one of the outstanding engineering schools in the nation. New students quickly realize that the successful college student works long and hard toward graduation.



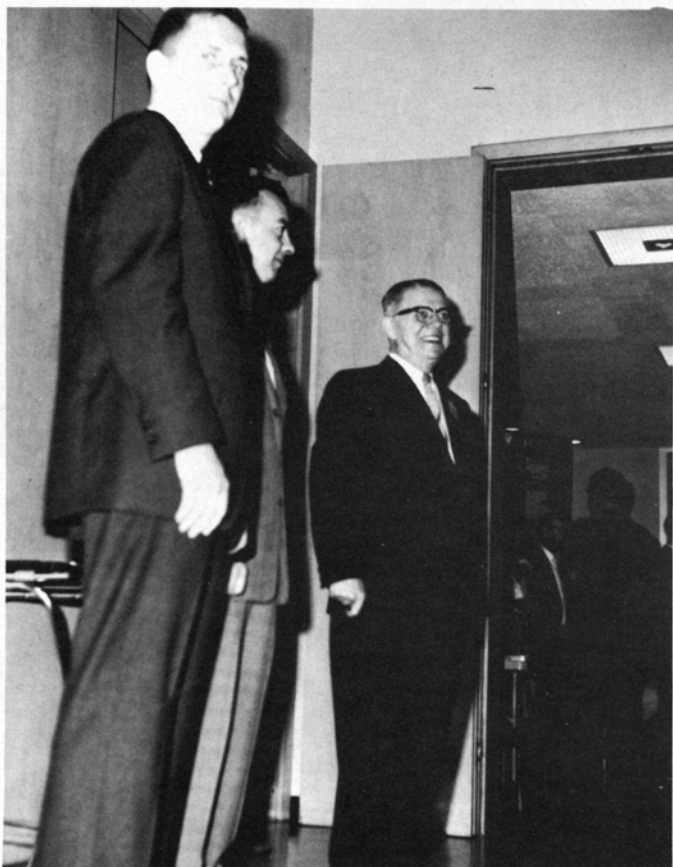
Microbiology, a basic civil engineering course.



Mechanical engineers in their machine lab.



General chemistry under Professor Tappemeyer.



Faculty members greet parents.

PARENTS DAY

A clear and warm day set the stage for the 1962 Parents' Day. Parents from near and far visited the Miner campus for tours and small group discussions with various faculty members to get an idea of what is accomplished at the Missouri School of Mines.



Coffee Break.

MSM's nuclear reactor a major attraction.



Registration in the Student Union.





Student guides conduct campus tours.



Faculty members entertain guests at Student Union.

The Parents' Day banquet is the highlight of the weekend's activities. School officials and the MSM Band and Glee Club entertain visiting parents for an evening of social enjoyment.

President Ellis and Dean Wilson at speakers' table.



Professor Brewer directs the Glee Club.





Faculty-student discussion group.

Students have the opportunity to meet all the instructors of the departments at the departmental mixers. Betterment in faculty-student relationship is the main goal of the mixers. The mixer discussion groups also aid the student in the selection of specialization offered by his department.

Coffee and doughnuts at mixers.



DEPARTMENT MIXERS



Faculty advice heeded by students.

Lecture session.





Dr. Thompson at Chemistry mixer.



Civil engineering discussion group.



A very popular table.

Seniors are a helpful asset to mixers.





Fraternity pledges in traditional pajama race.

Alumni of MSM are given a special welcome during their visit to the school for the annual homecoming weekend. The football game, the queen contest, and the fraternity and independent dances highlight the weekend's events. Miss Gail Loughridge, Kappa Alpha candidate, was crowned queen of the 1962 homecoming.

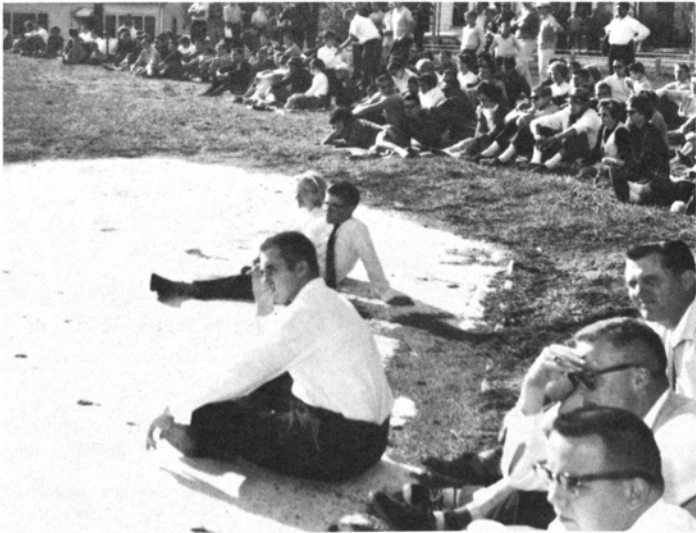


Queen Gail crowned in halftime ceremony.

Relaxing before game time.



Queen candidates at banquet.

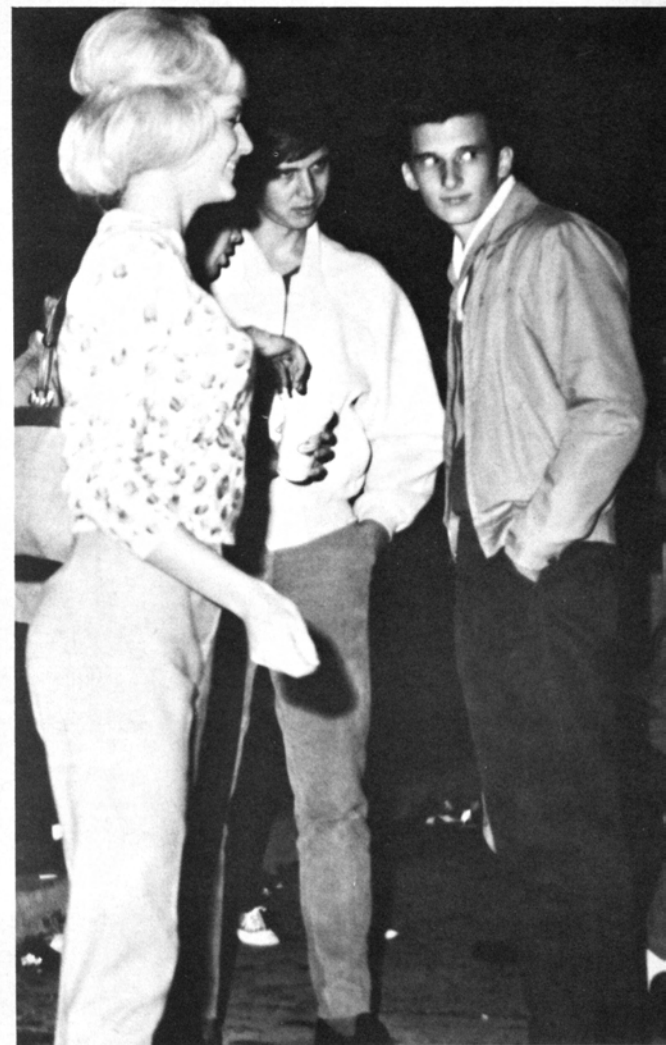


Huge crowd sees Miners defeat Maryville.



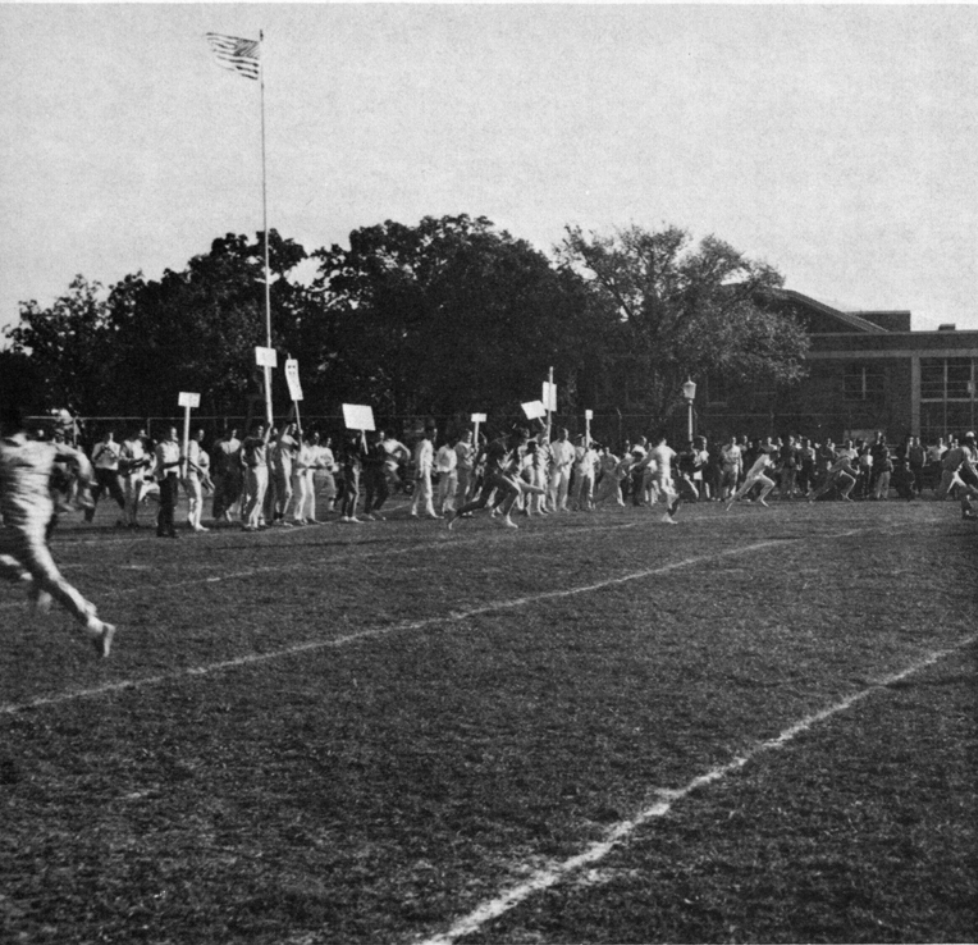
Street dance an overwhelming success.

Queen candidates parade at halftime.



"Typical" group of Miners at street dance.

HOMECOMING



Kappa Sigma wins traditional halftime pajama race.



Scene from Student Union dance.

Chuck Tillman at the Student Union.



Homecoming decorations.

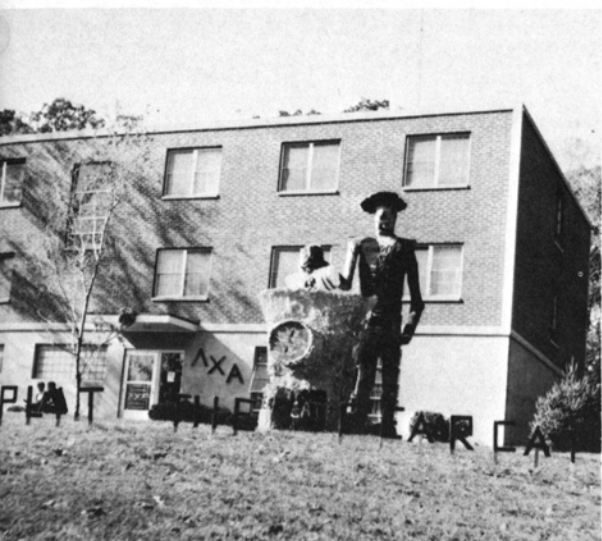




One of the many homecoming dances.



Chuck Tillman shakes things loose at Student Union.



Lambda Chi Alpha's first place Homecoming display.



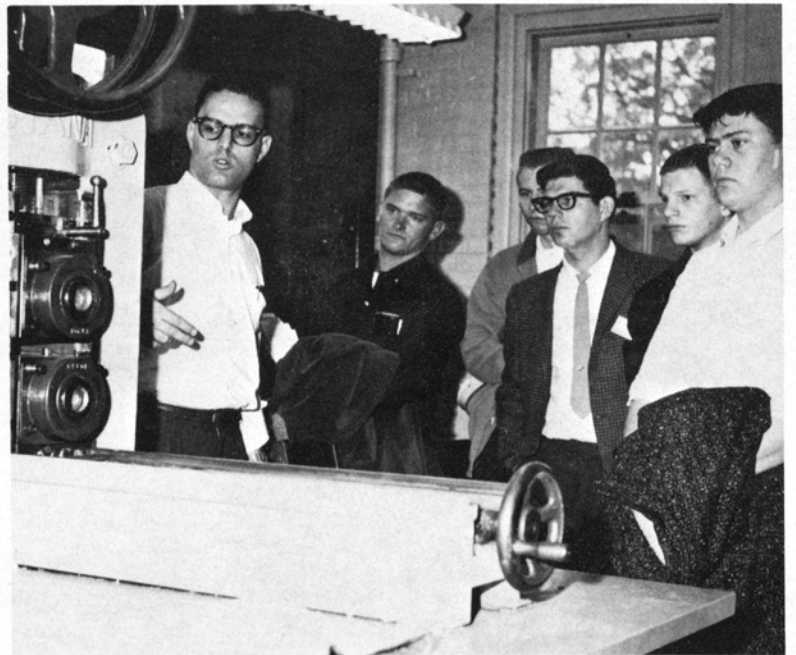
Crowd tense as Miners near victory.

ENGINEER'S DAY

Future students and visitors get a candid view of the School of Mines on Engineers' Day. All buildings and classrooms on campus are open and special discussion groups are formed in the Student Union to help visitors with questions and problems.



Student Council members lead tours.

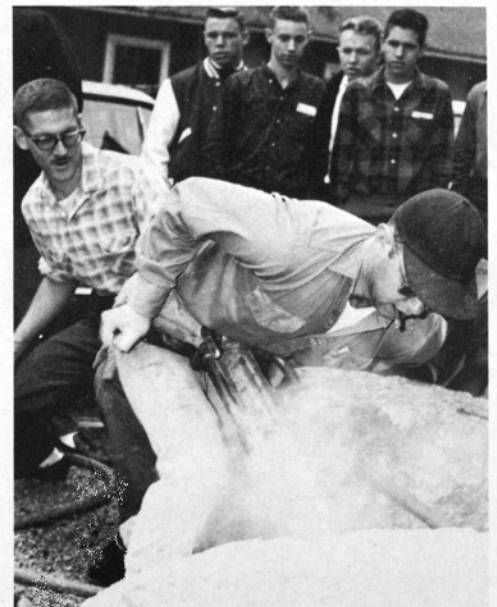


Testing laboratories open to visitors.

Professor Culp in the mechanical engineering lab.

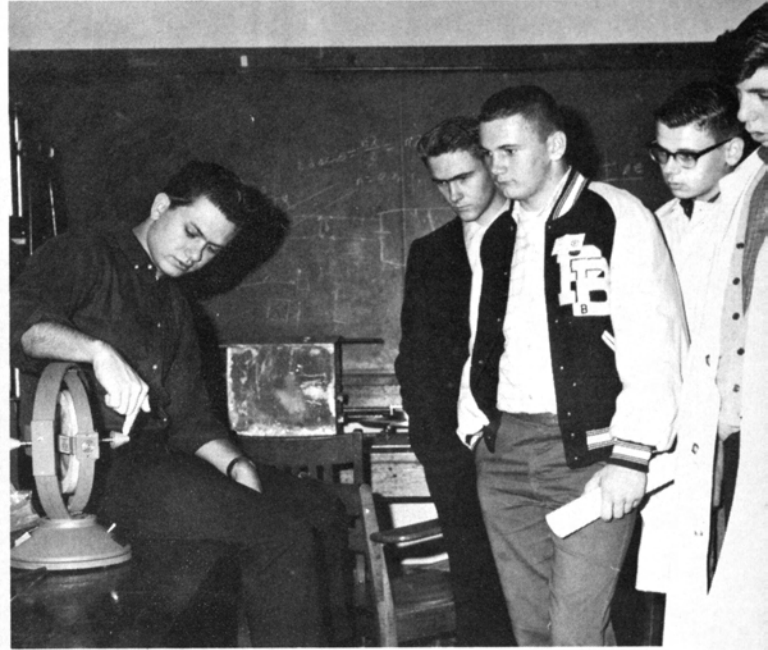


Drilling contest at Mining Department.





Mechanical engineering lab.



Physics demonstration attracts visitors.

Presentation of fraternity life at MSM.

ATTENTION ENGINEERS DAY STUDENTS
ALL FRATERNITIES ARE HOLDING OPEN HOUSE TODAY FOR YOUR BENEFIT AND YOU ARE CORDIALLY INVITED TO VISIT. FREE MEALS WILL BE SERVED FROM 11:30 TO 1:00 AT ALL FRATERNITIES.

MSM FRATERNITIES

	GRADE POINT	
	FRATERNITY	NON-FRATERNITY
SPRING 59-60	2.338	2.281
FALL 60-61	2.247	2.276
SPRING 60-61	2.351	2.340
FALL 61-62	2.288	2.288
SPRING 61-62	2.445	2.449
AVERAGE	2.334	2.327

SCHOLARSHIP

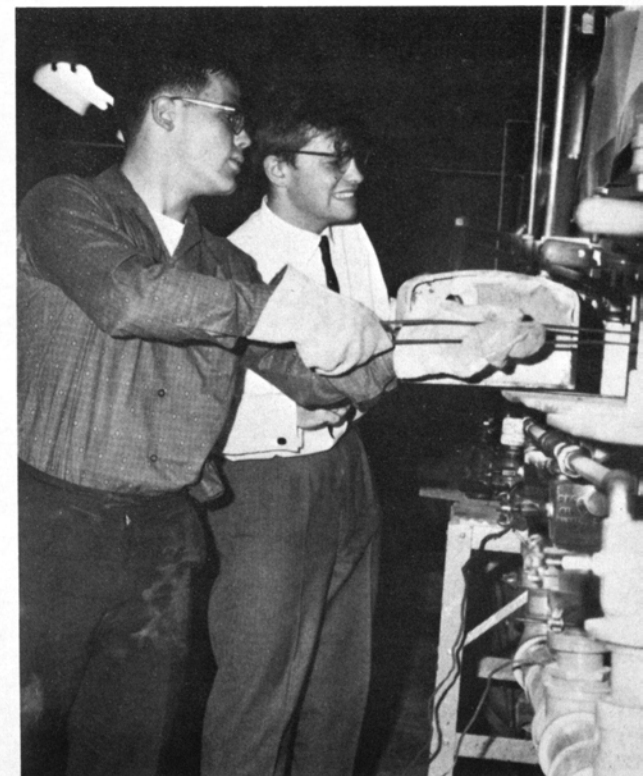
CAMPUS LEADERSHIP
FRATERNITY MEN HOLD 90% OF THE OFFICES ON CAMPUS ORGANIZATIONS AND THIS PAST YEAR MAINTAINED UP 80% OF MSM'S LISTING IN WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES.

ATHLETICS
FRATERNITIES PROVIDE THE 24 INTRAMURAL TEAMS ON CAMPUS AND YEAR PLACED 8 TEAMS IN THE TOP 10

SOCIAL LIFE
FRATERNITY FRESHMEN ARE GIVEN ORGANIZED HELP SESSIONS FOR TROUBLESOME SUBJECTS AND UPPER CLASSMEN ARE ALWAYS AVAILABLE FOR HELP

SHARING WITH OTHERS

Baking time for engineers!



IFC SING

Selection, tone direction, presentation, intonation, and rhythm determine the Interfraternity Council Greek Sing winners. This year Kappa Alpha won both the chorus and quartet class divisions to win the IFC first place honor. Lambda Chi Alpha won the second place quartet class, and Triangle won the second place in the chorus division.

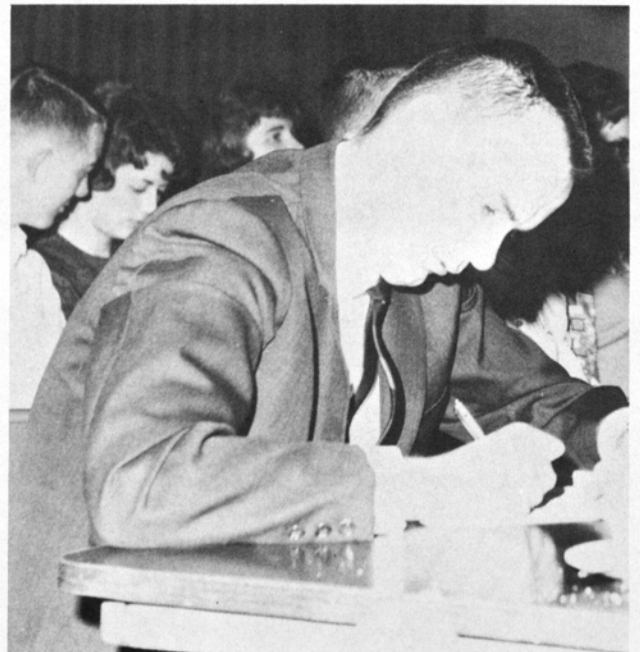


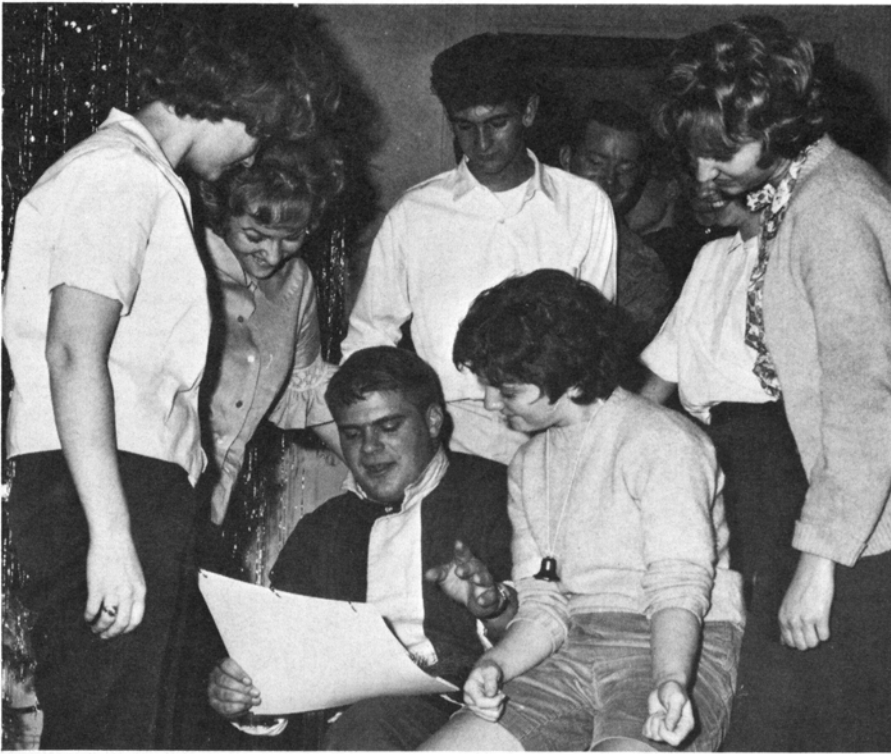
Boyer presents Sillipo with Triangle's second place chorus trophy.

Kappa Alpha's first place chorus.



Lambda Chi's second place quartet.
Mr. Oakley, the MSM band director, judging the singing.





Hugh Murray-type Santa in action!



Miners of the move!

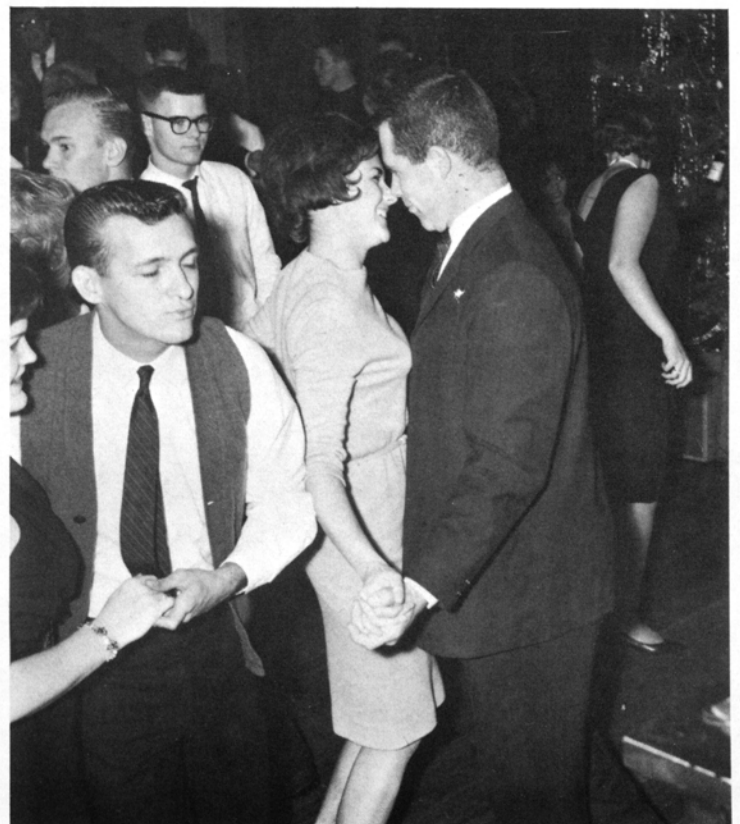
CHRISTMAS DANCE

The spirit of Christmas starts quite early on the MSM scene every year, when the Christmas dance weekend begins. Books and tensions are pushed aside and the party minded Miners head for the mistletoe.

Shake down cruise!



Mannschreck in the holiday spirit.





Queen Cheryl Ann crowned by Dean Wilson.

Ron Terry and his band provided the music for the 1962 Military Ball. Miss Cheryl Ann Kammermeyer, Pi Kappa Alpha candidate, was crowned queen by Dean Wilson.

Colonel Taylor speaks at the Military Ball breakfast.



MILITARY BALL



Alan LaPlante presents Dean Wilson with the Tasker H. Bliss Award.

Scene from Military Ball.





Receiving Ball Guests.



Ron Terry and group entertain.



Queen Cheryl Ann Kammermeyer.

Another successful dance weekend.





Chad Mitchel Trio.

Muggsy Sprecher and group loosen up.



GENERAL LECTURES



The Four Lads well-received by Miners.

An afternoon of entertainment at the Student Union.





Smothers Brothers on the go.

GENERAL LECTURES

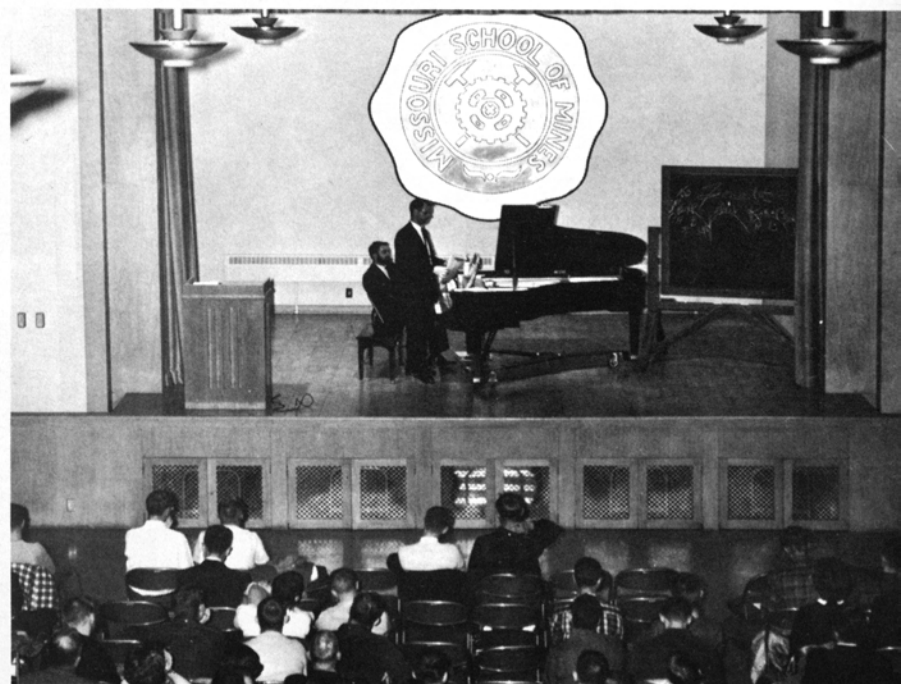


U.N. delegate Adusei-Poku featured at general lecture.

Richard Morris at the piano.



Muggsy and the Gaslighters move into the crowd.





Girls arriving for mixer.

ALL SCHOOL MIXERS

One of the main solutions for the lack of feminine companionship on this campus is the very popular all school mixer. Girls travel to MSM from surrounding colleges to enjoy an afternoon and evening with the very friendly Miners.



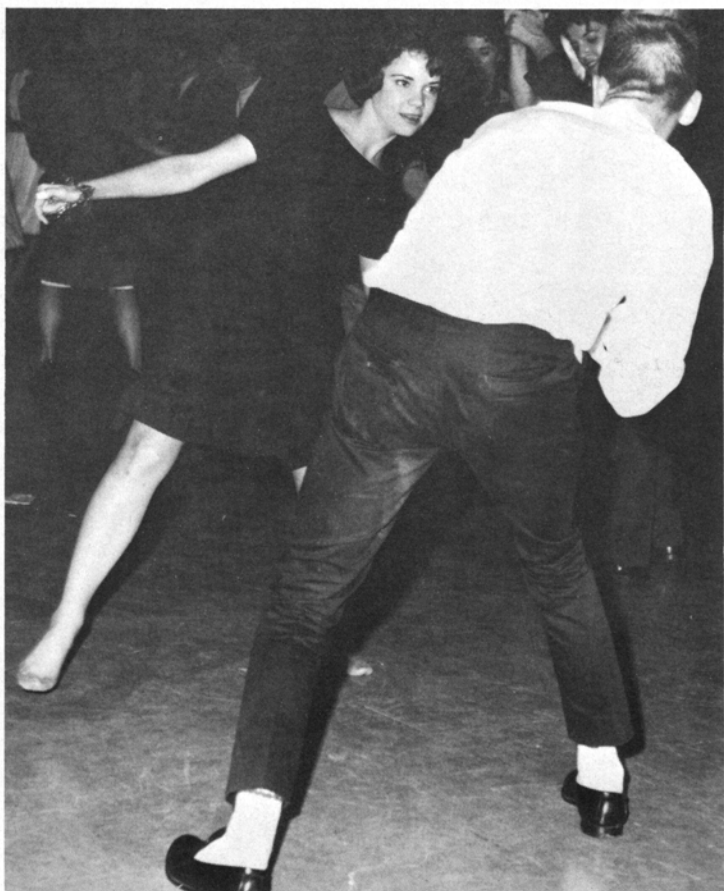
A very "uninterested" group of Miners.



Relaxation during afternoon mixer.

Warming up for evening dance.





Center of attraction.



Entertainment provided by Student Union.

Miners on the move.



Mixers draw big crowds.





Rosy — St. Pat's Helper!

ST. PAT'S CELEBRATION

MSM's spring vacation presents the occasion for the biggest celebration of the school year. St. Pat's, an old and festive tradition for the Miners, gets underway every year with contests and ceremonies at Lions park. St. Pat, chosen by the St. Pat's Board earlier in the week, oversees the activities at the Park to begin the gala weekend.



Charlie Becker, St. Pat, on the move.

St. Pat and guards arrive at Lions Park.



Activities at Lions Park pavilion.





Beard Contest winners.



Miners in holiday spirits.

ST. PAT'S

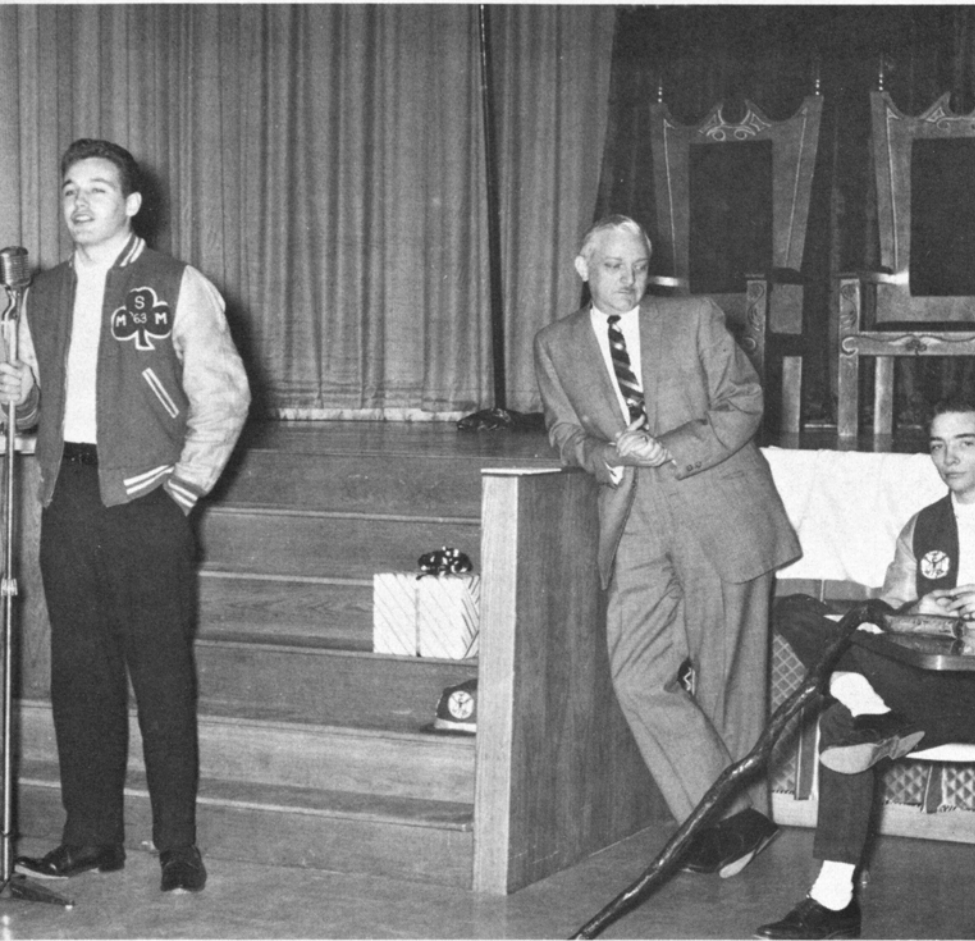
Rain threatened to halt the 1963 St. Pat's activities, but high spirits and clear weather soon set the stage for another highly successful celebration. Charlie Becker, Kappa Sigma Board member, was elected St. Pat, and the jubilant Miners took over from there.

Preparing the potent mixture for the knighting ceremony.



He's a Knight now??





Charlie Becker, St. Pat.

Rehearsal for queen crowning.



St. Pat's Board decorates Student Union.

Bacich and Becker interview queen candidate.





The "wink" of confidence.

ST. PAT'S



Miss Mary Martin chosen queen.

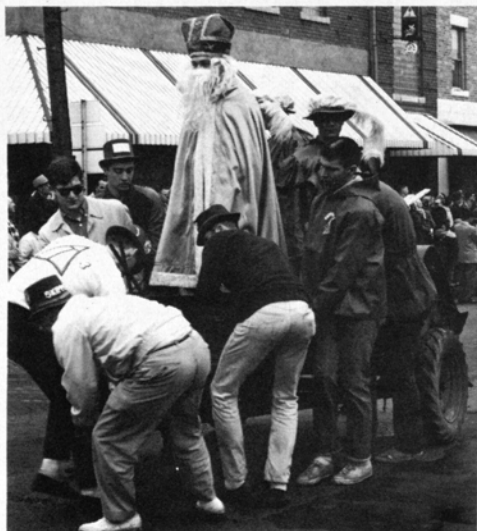


Practice for St. Pat's Ball.

Queen finalists.



ST. PAT'S PARADE



Transportation power supplied by
fraternity pledges.



Beta Sig's queen's float.

Phi Kappa Theta's first place float.



ST. PAT'S PARADE

St. Pat Tours the World was the theme for the 1963 parade. Phi Kappa Theta won first place honors with a beautiful oriental setting. Floats are judged on originality, engineering application, and appearance.



Sigma Phi Epsilon's second place float.



The Independents orbit the world for third place honors.

Dean Wilson joins celebration.



Miners pay homage to St. Pat by kissing the "blarney stone" in front of wagon.



Miss Mary Martin, 1963 Queen of Love and Beauty.



Miss Mary Martin and her court.

ST. PAT'S BALL



Les Elgart provides the music for the St. Pat's Dance.



St. Pat crowns Queen Mary.



GREEK WEEK

The IFC Greek Week-End began Friday night with the annual carnival at Lions Park. All proceeds from the various booths were donated to Boys' Town.

Saturday's pageantry started with Dean Wilson lighting the torch which was carried to the Grotto by Kappa Sigma. Pi Kappa Alpha won the games trophy and Kappa Alpha took the overall Greek Week trophy.

Miss Mary Ann Schaeffer, Sigma Phi Epsilon's representative, was crowned Queen of the Greek Day Celebration. Zeus, portrayed by Hugh Murray of Phi Kappa Theta, and Queen Mary Ann reigned over the festivities.



Proceeds from the Greek Carnival are donated to Boys' Town.

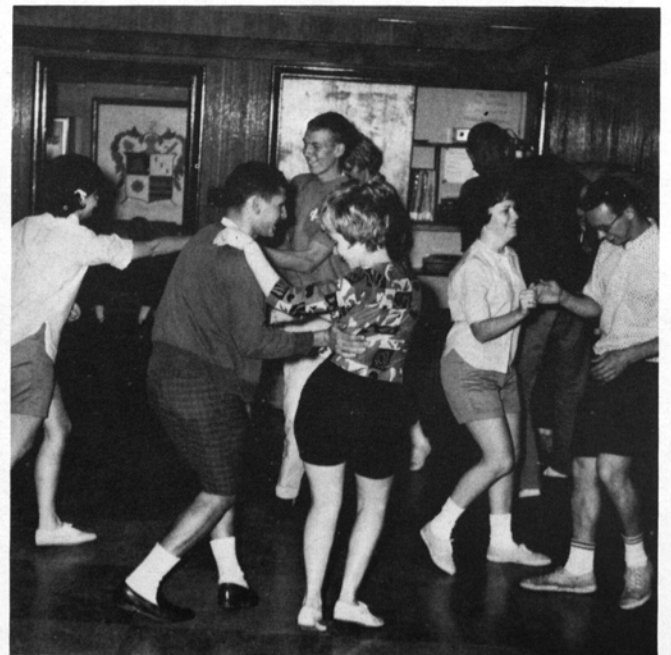


A Greek Booth at the carnival.

The three Greek Week Queens arrive at the carnival.



A little merry-making after the carnival.





Egghead contest.



How low can you go?

GREEK WEEK

Sack race of Beauties.



Ben Hur.





The Ruling Family.

GREEK WEEK



The Greek gods and Dean Wilson.



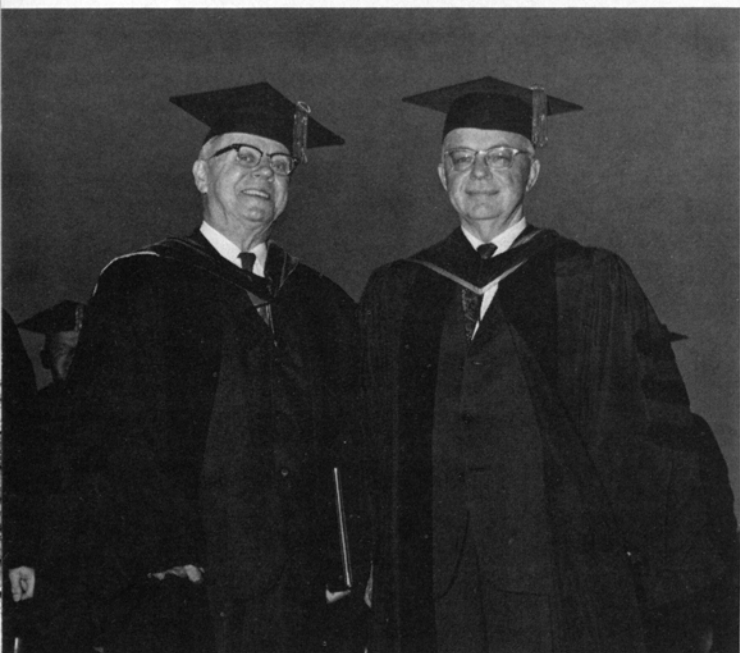
Dean Wilson starts the games by lighting the torch.

Queen Candidates.





Miss Mary Ann Schaeffer
Greek Week Queen

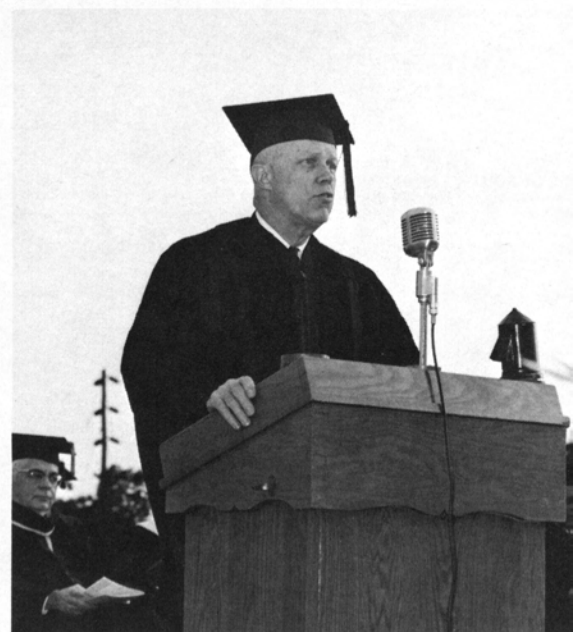


President Elmer Ellis confers title of Dean Emeritus on Dean Curtis Wilson.

A portion of the huge crowd in attendance.



Candidates for professional degrees. Left to right: Paul Thomas Dowling, Joel Frank Loveridge, Peter Felix Mattei, Samuel Harry Lloyd, III and Alfred Nelson Hurst.



James A. Finch, Jr., President of the Board of Curators.

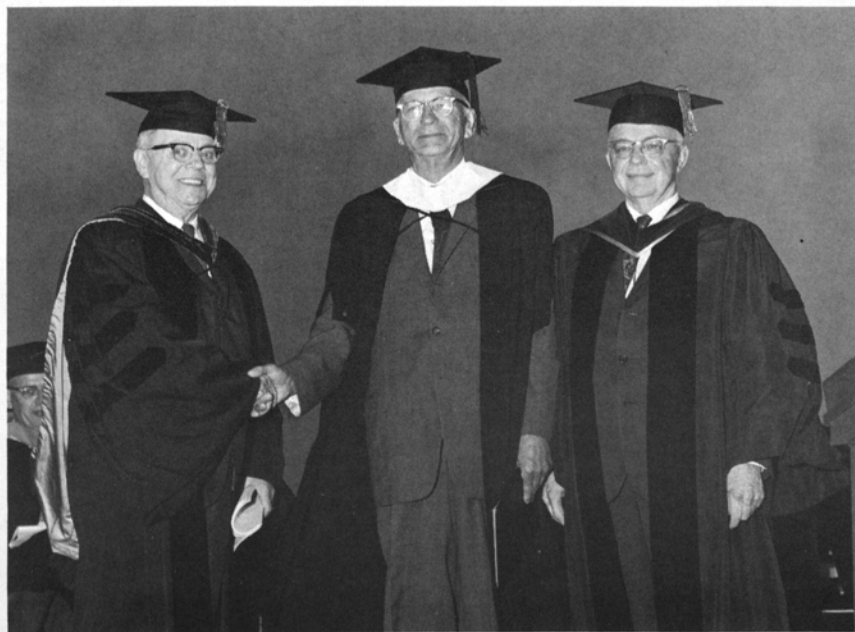


The 1963 graduating class at the Missouri School of Mines and Metallurgy.

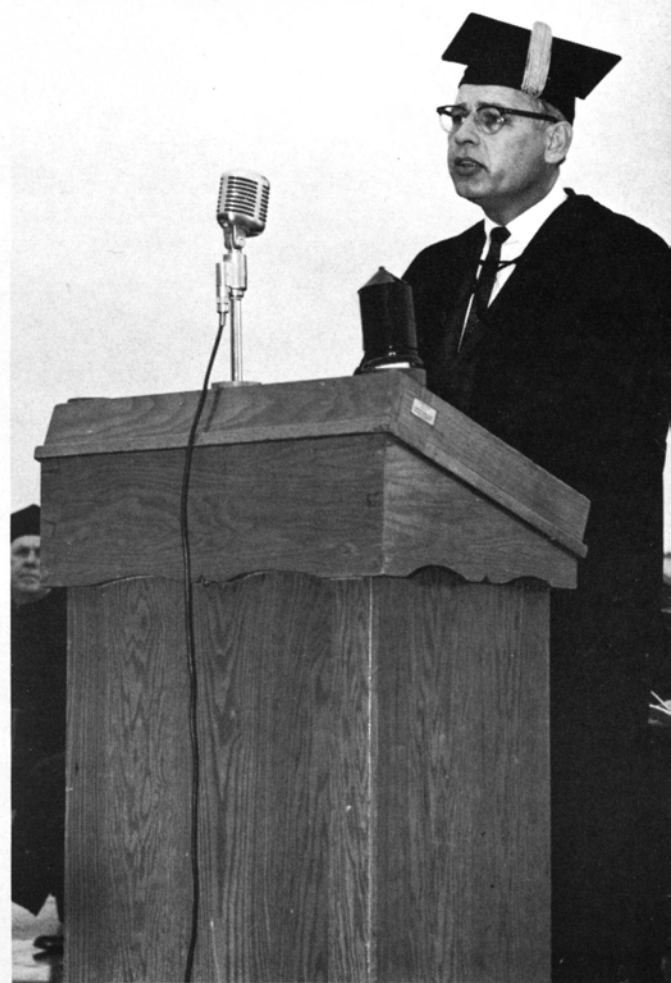
COMMENCEMENT

The ninetieth annual commencement exercises were held on Sunday, May 26, 1963 at the Missouri School of Mines and Metallurgy. Four hundred fifty-eight graduates were awarded Bachelor of Science degrees. Fifty-six Master of Science degrees and two Doctorates were also presented. Mr. DeMarquis Dale Wyatt, Director of Programs of the National Aeronautics and Space Administration administered the commencement address.

Dean Wilson and President Elmer Ellis congratulate Rolfe M. Rankin upon receiving title of Professor Emeritus of Mathematics.



DeMarquis Dale Wyatt, commencement speaker.



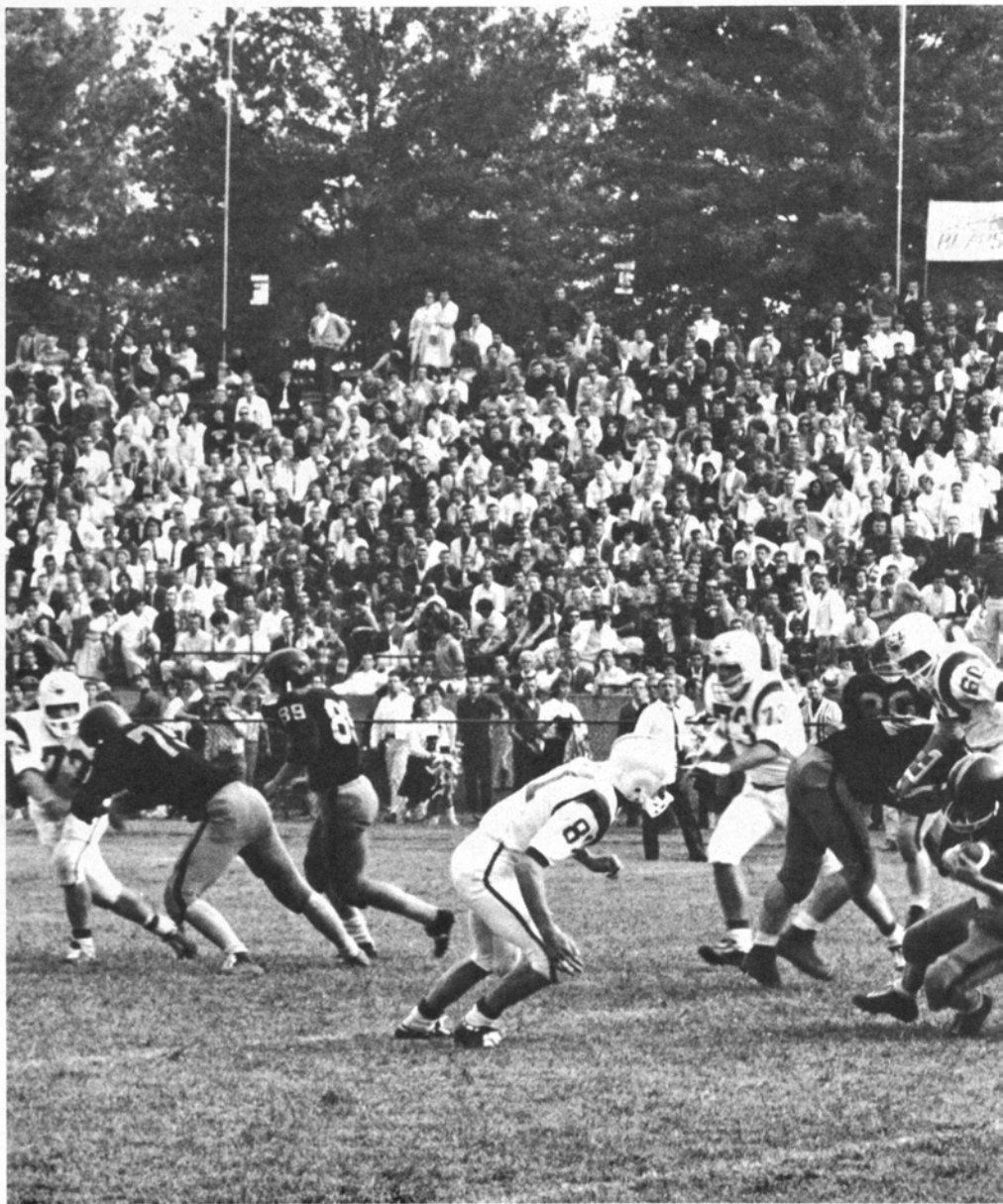




ATHLETICS

TRADITIONAL DUEL WITH WASH. U.

Take him for a loss



Yardage gain brought to a halt

Last chance to stop him.





Miner Scores

MSM Cheerleaders lead pep rally Before Wash U. Game

Francis Field was the scene of the traditional duel between MSM and the Washington University Bears this year.

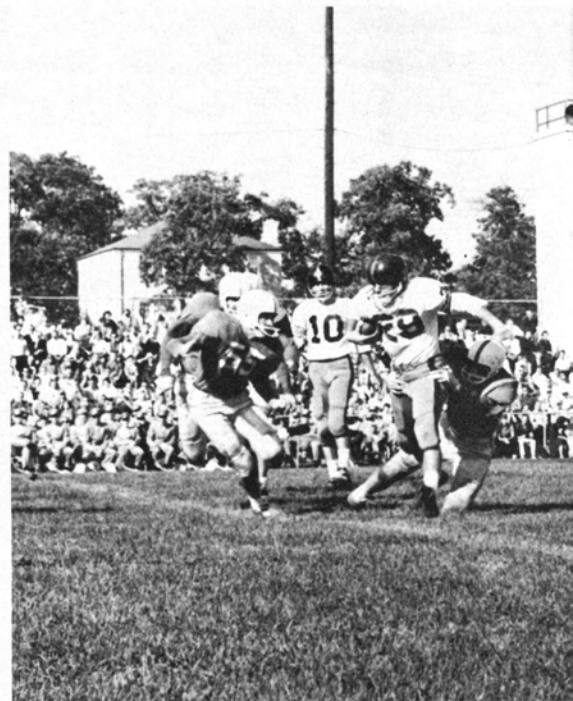
Unfortunately the Miners were forced to retreat from St. Louis with a 33-20 loss, the first of the young season.

Although both teams played equally well the bears were the recipients of a series of breaks which gave them a decided advantage.

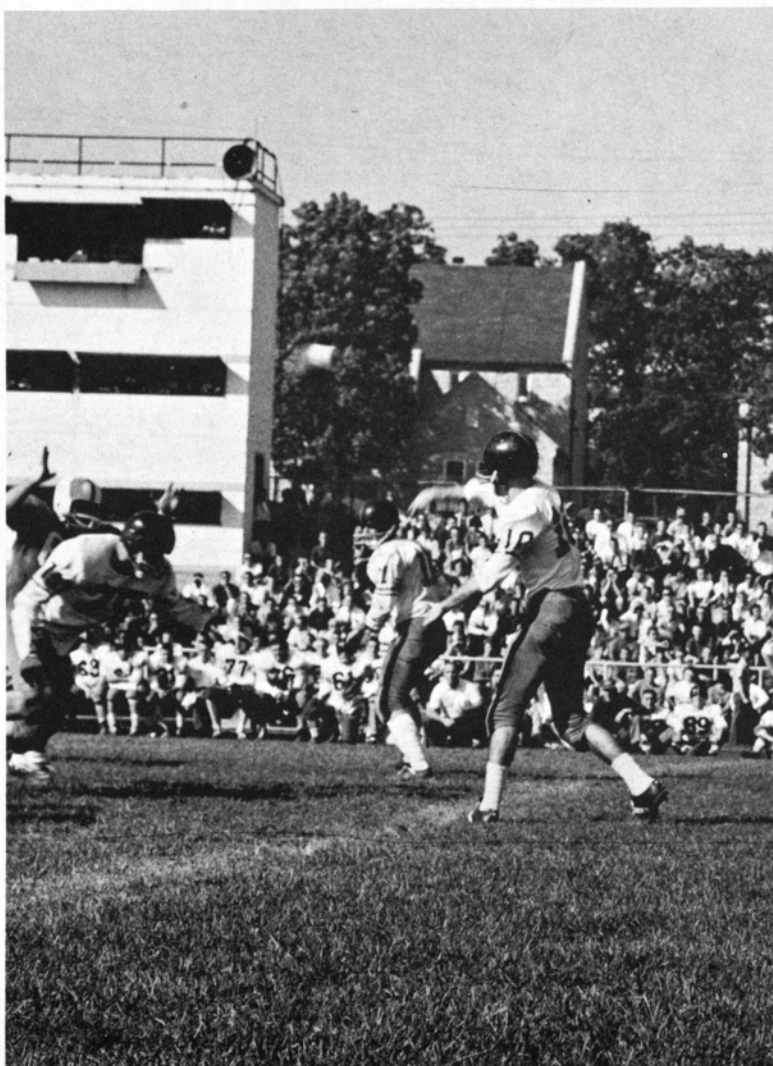




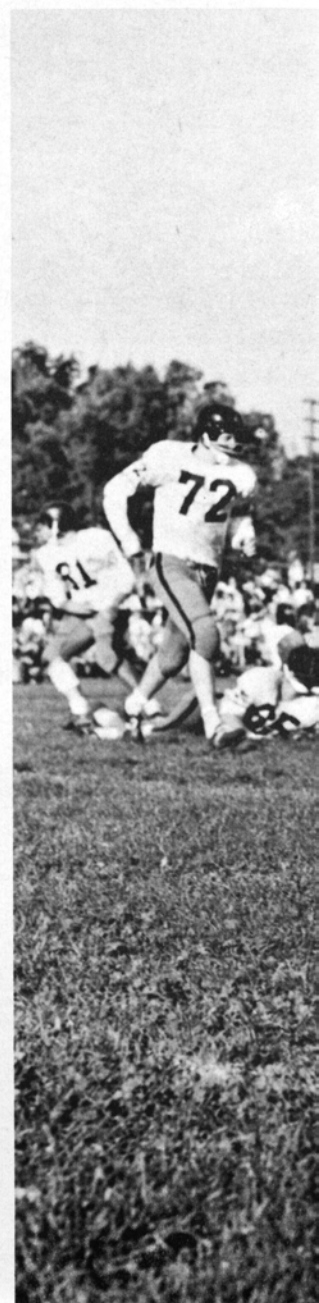
Caught in the backfield



Pull Him Down



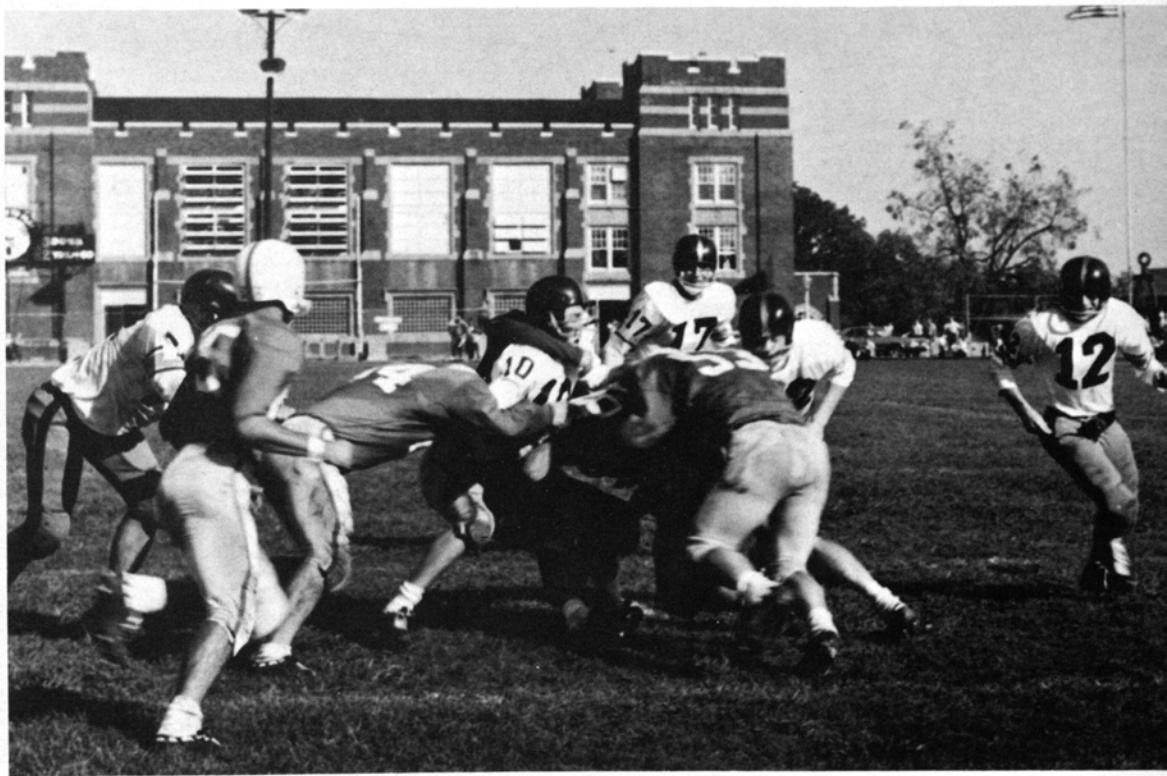
Miners go up the middle



MARTIN BRANCH

This year the Miners had a tough defense but were plagued by numerous injuries to their offensive backfield.

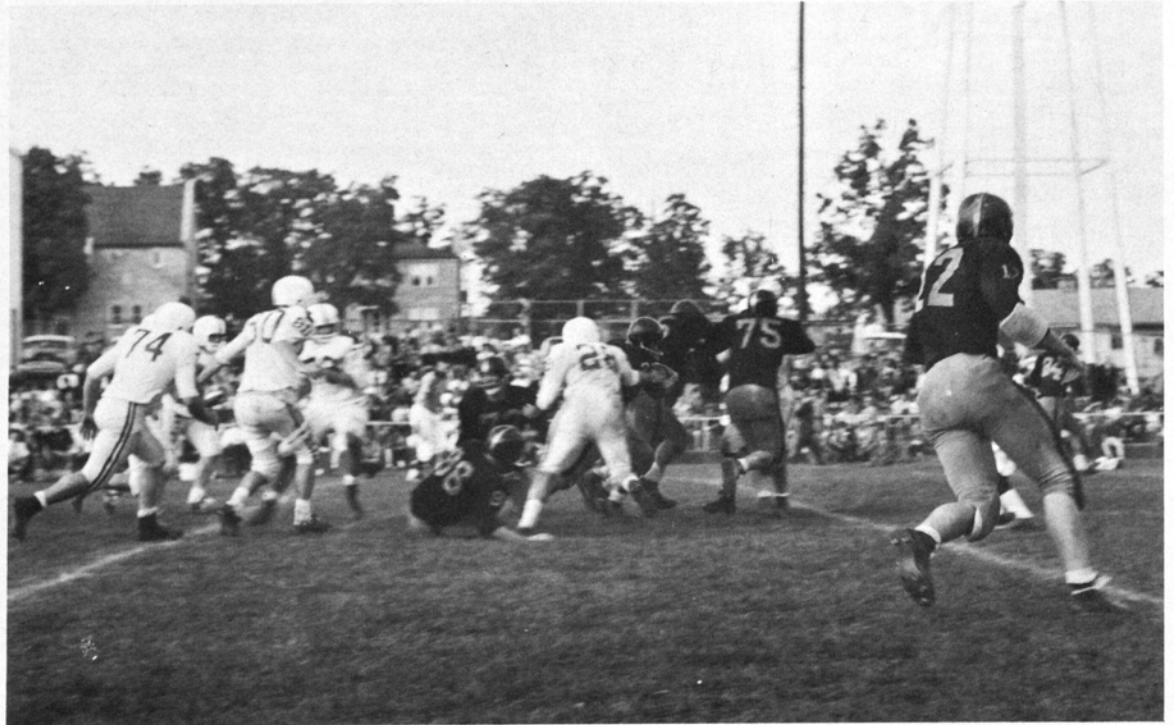
The injury of sophomore backs Gary Koch and D. D. Murrell was a staggering blow to the offensive unit.



Jay Alford



Stopped in the backfield



Miner goes through the middle



Voorhis gains some vital yards

Murrell Skirts around end

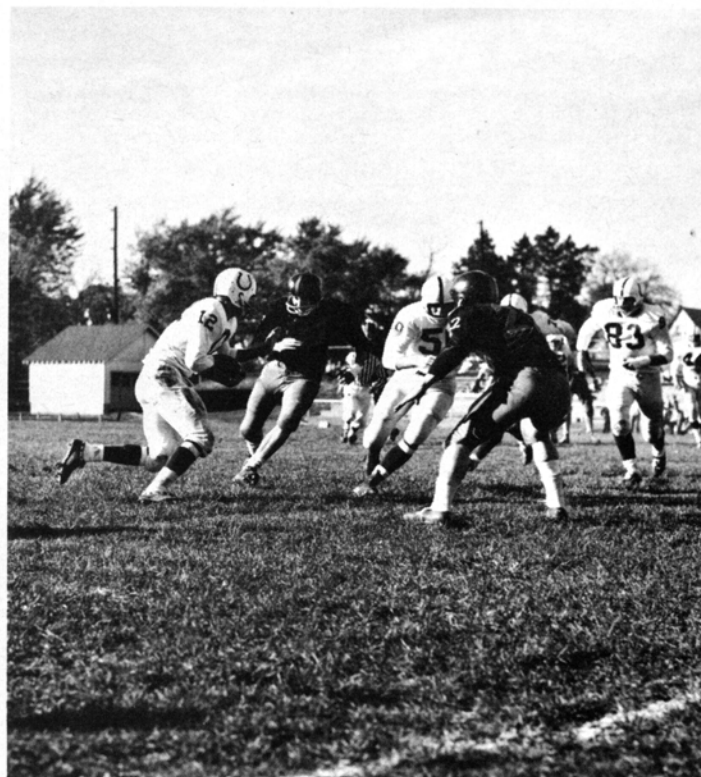


MULES MEET

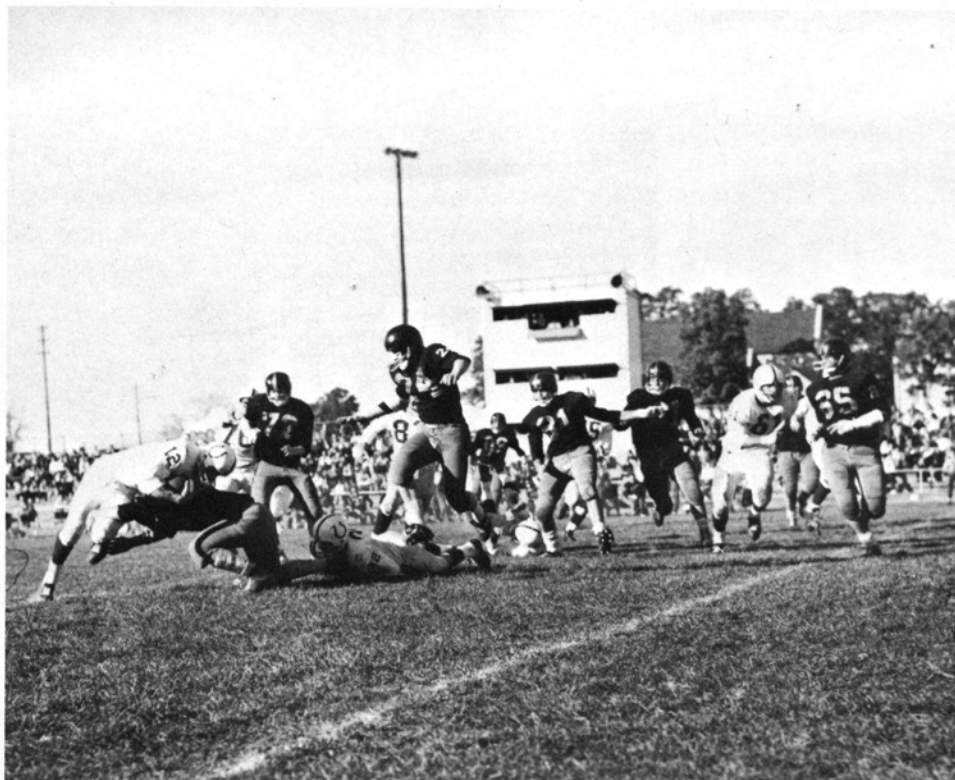
STRONG DEFENSE

FOOTBALL SCORES

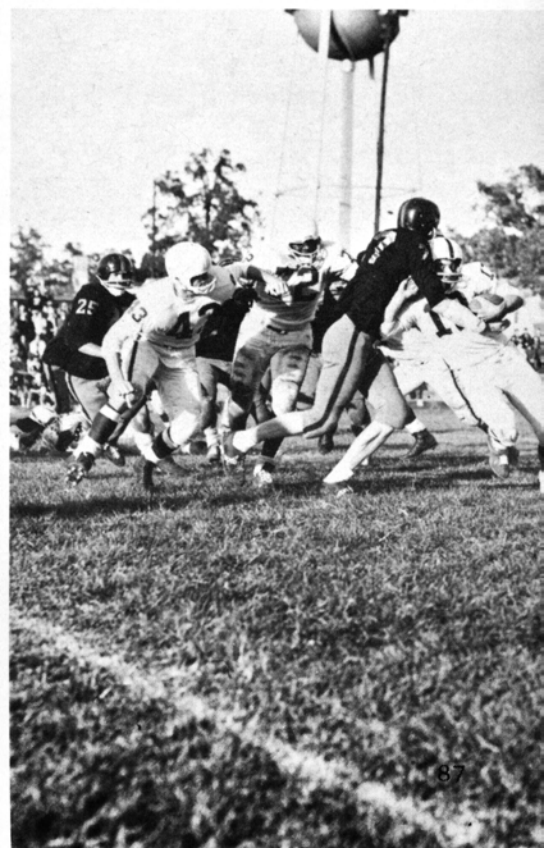
<i>Miners</i>	<i>Opponent</i>	
13	St. Mary of the Plains	0
20	Washington University	22
6	Kansas State Teachers	28
18	Martin Branch, Tennessee	28
12	SEMS, Cape Girardeau	23
0	NEMS, Kirksville	40
26	NWMS, Maryville	12
3	SWMS, Springfield	28
14	CMS, Warrensburg	20



Mule runs into opposition



Strong defense stops a Mule



Stopped dead



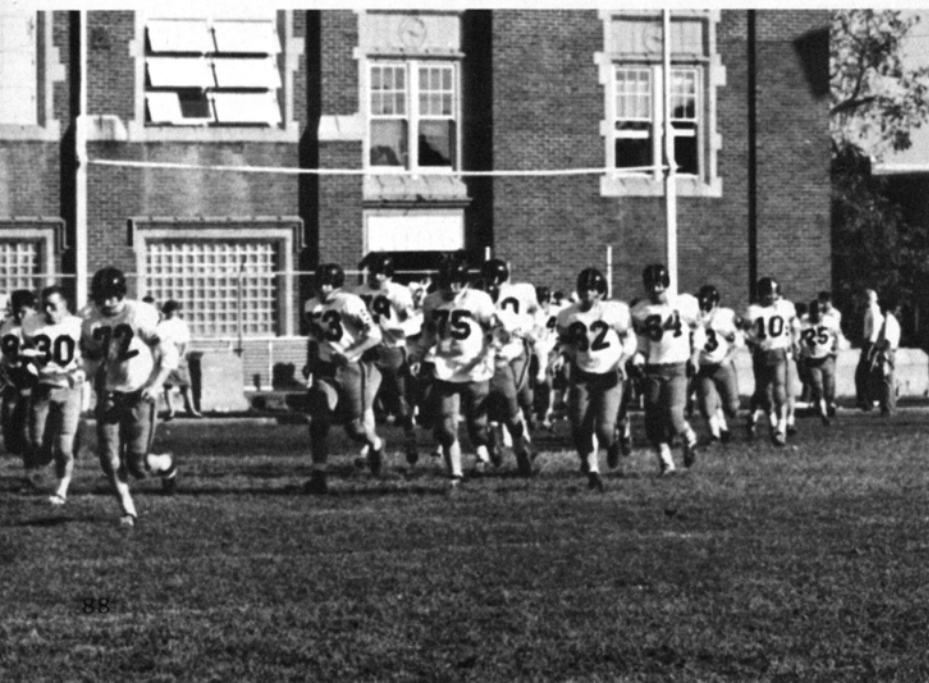
Last bit of effort

The Coaches of the MIAA Conference selected two Miners for their all-Star teams this year.

First team honors went to Terry Wargo, the conferences leading pass receiver.

Jay Alford secured a spot in the second team backfield.

Miner charge onto the field

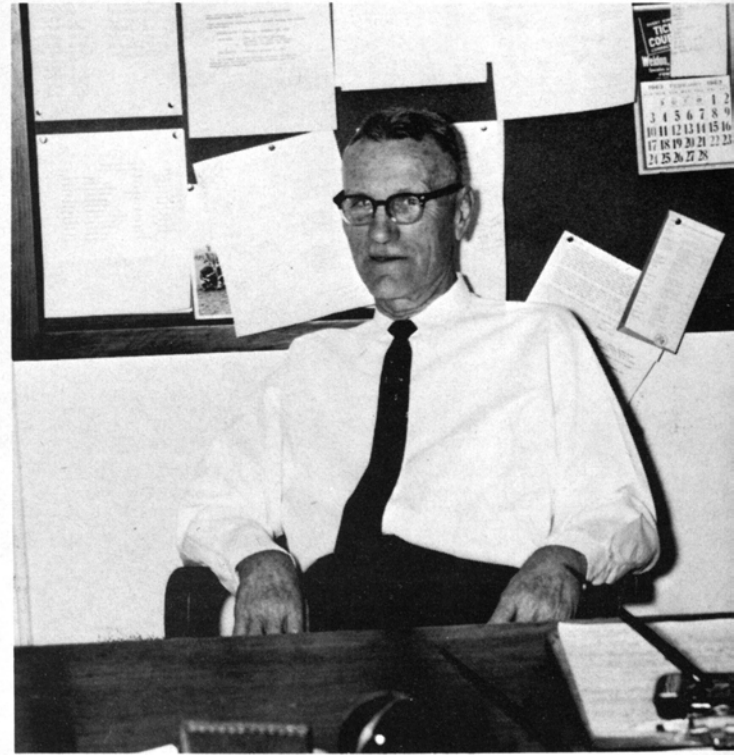


M-Club Members selling refreshments at half time



Debold Stops Cape Runner

COACH AND TEAM

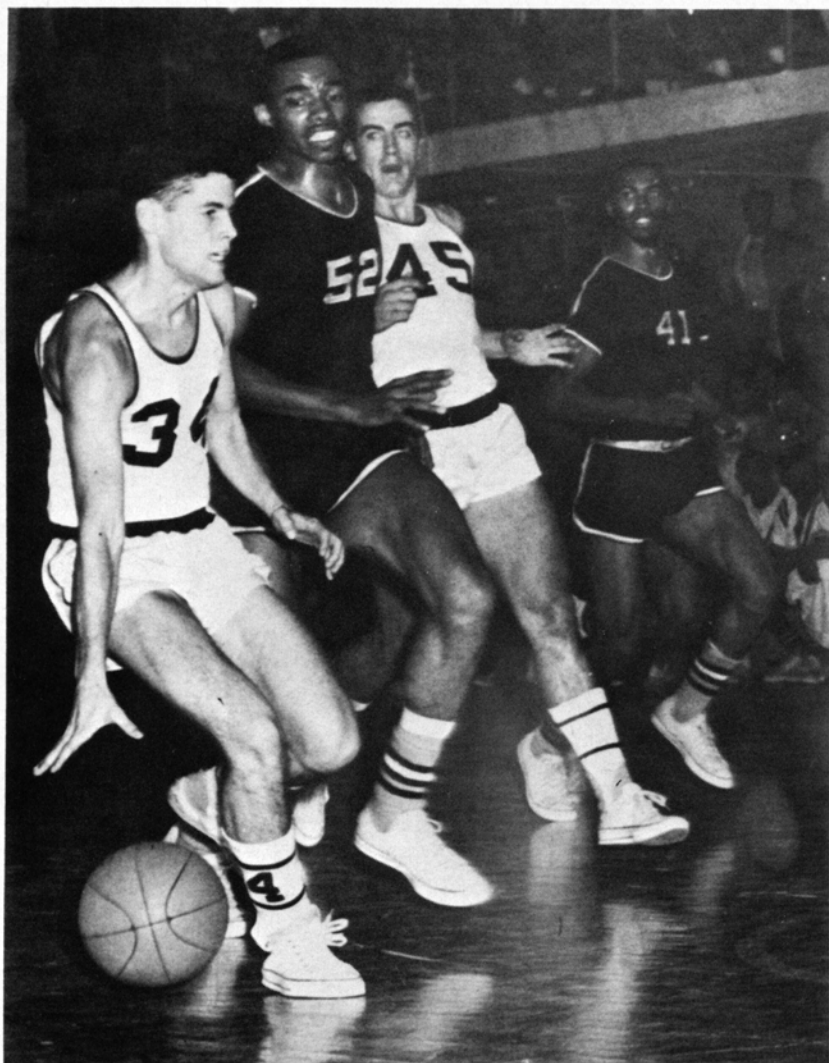


Coach Gale Bullman

FRONT ROW, LEFT TO RIGHT: Riggs, Alford, Voorhis, Russell, Couse, Smith, Bacich, Ombalski, Knussman, Welch, Hamdshy, Wargo, Green. SECOND ROW: Knapstein, Kroeter, Hascall, Osick, Kauffman, Schmidt, Keiser, McKell, Davis, Koch, Gasparovic,

Moser. THIRD ROW: Fix, Cleve, Debold, Latimer, Hoover, Ragland, Wallace, Quick, Olson, Jatcko, Miller, Collins. LAST ROW: Turner, Wheeler, Henry, Murrell, Bailey, Lutzenberger, Verdi.





Wampler brings the ball down court

BASKETBALL SCORES

<i>Miners</i>	<i>Opponents</i>	
100	Evangel	70
67	Westminster	71
92	Harris Teachers	87
74	Washington Univ.	90
108	John Brown Univ.	86
65	Arkansas State	83
80	Arkansas A. & M.	85
89	William Penn	76
68	Harris Teachers	88
80	Central Mo. State	90
88	Southeast Mo. State	102
75	Northeast Mo. State	82
54	Southwest Mo. State	92
82	Central Mo. State	108
91	Southwest Mo. State	102
79	Northwest Mo. State	67
73	Northwest Mo. State	88
87	Northeast Mo. State	101
80	Southeast Mo. State	85

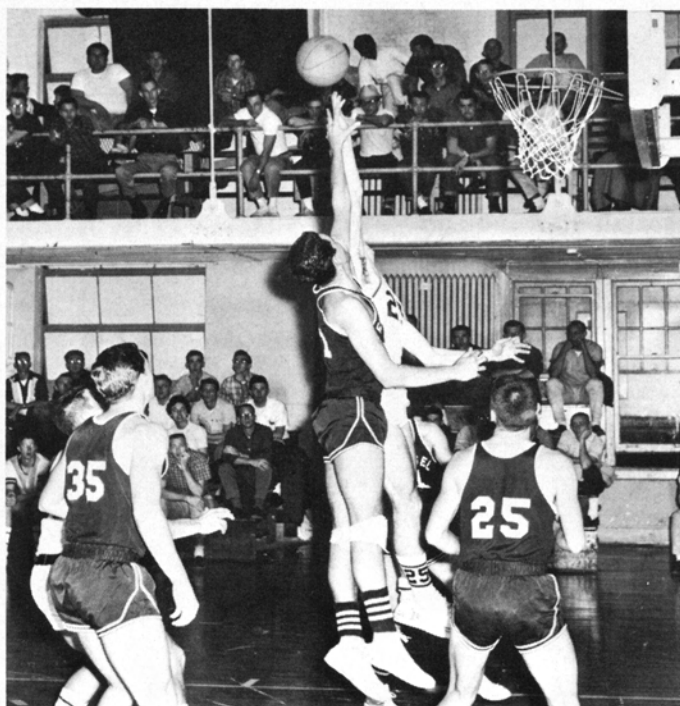
CONFERENCE TOURNAMENT

79	Southeast Mo. State	95
70	William Jewel	83
81	Tarkio	61

Dewey puts some steam into the boys



BASKETBALL



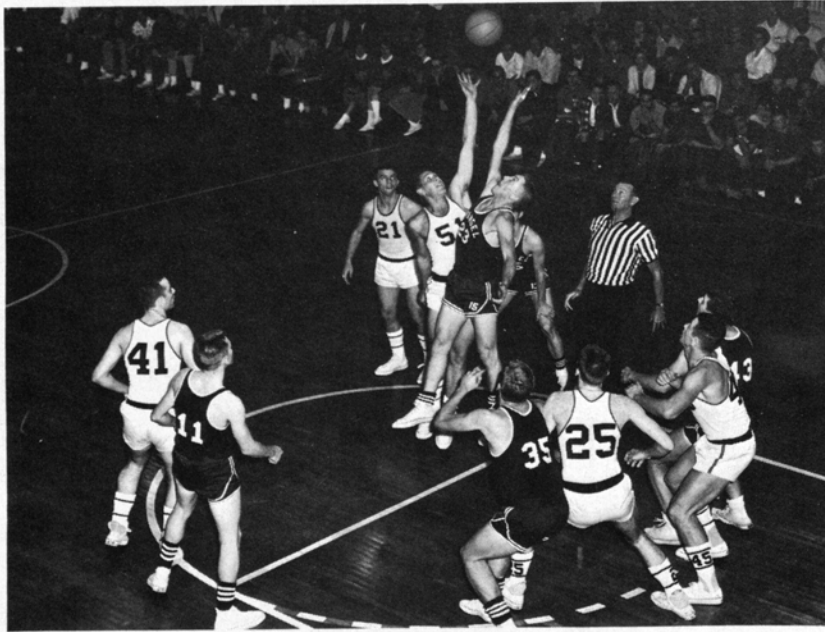
Fighting for a rebound



Coach Dewey Allgood

LEFT TO RIGHT: Farber, Perkins, Wampler, Wolf, Hornbuckle, Howard, Reichert, Neville, Richner, Tesson, Mitchell, Wallace, Schuchman, Good, Cooper.

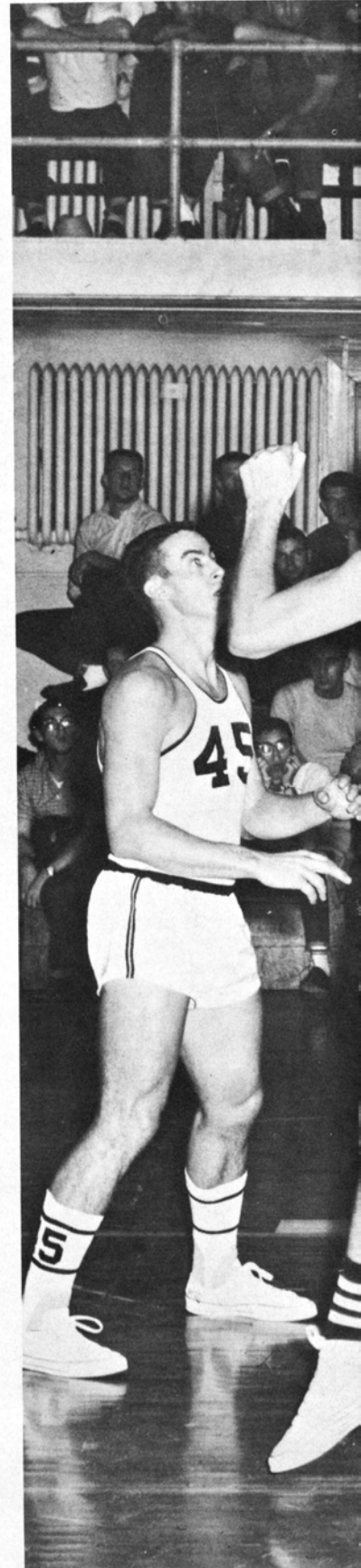




Good goes up for jump ball



Howard fights for a rebound



MINERS WIN OPENER

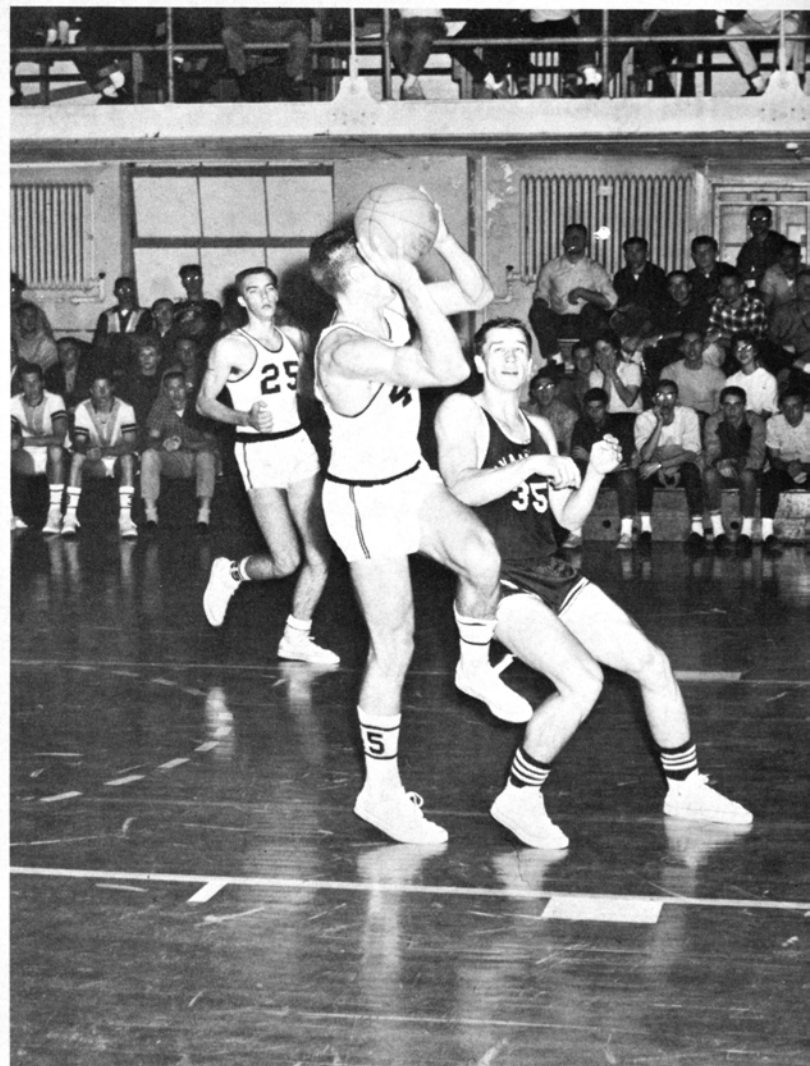
100-70

The end of the football season brought life to the gymnasium as the basketball tryouts and practices commenced.

Although this year's roundball squad seemed to have quite a bit more speed than those of the past few years, coach Dewey Allgood was plagued by last year's graduations, which left him with only two returning lettermen.



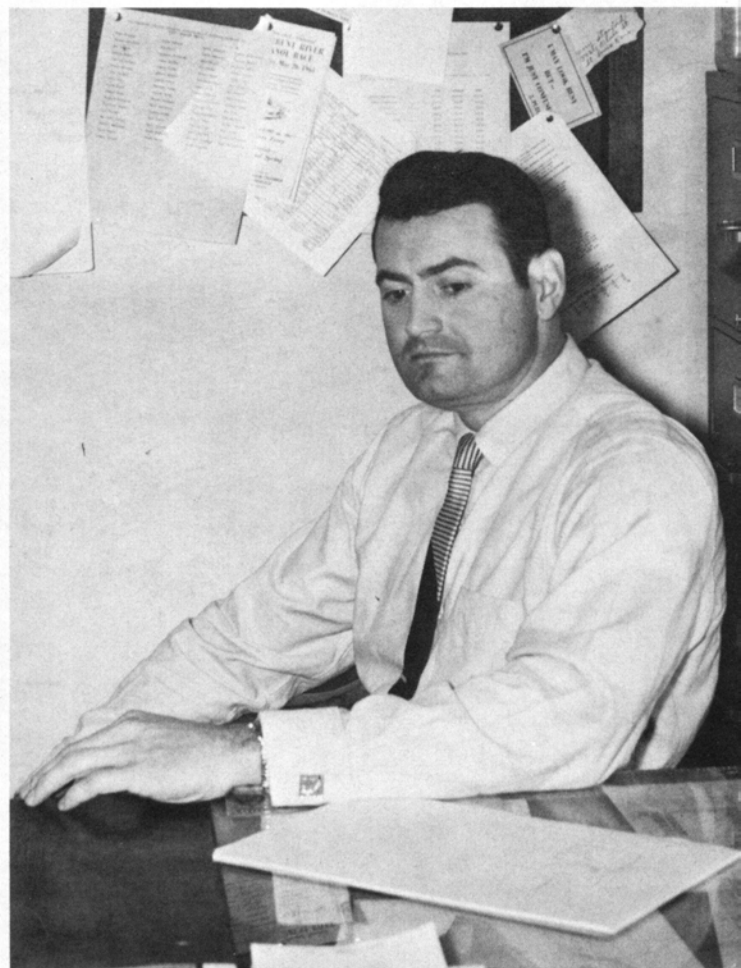
Rebound control played a big part in Miner's victory.



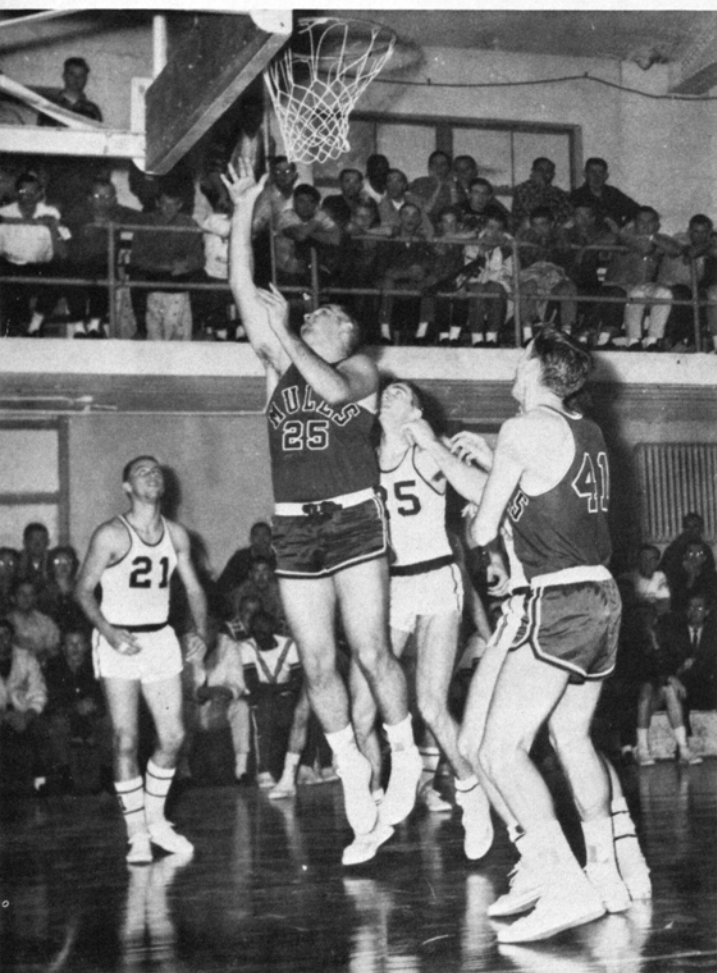
Schuchman shoots



Four on one



Assistant Coach Leo Christopher



Mules Score

Schuchman fights for tie ball



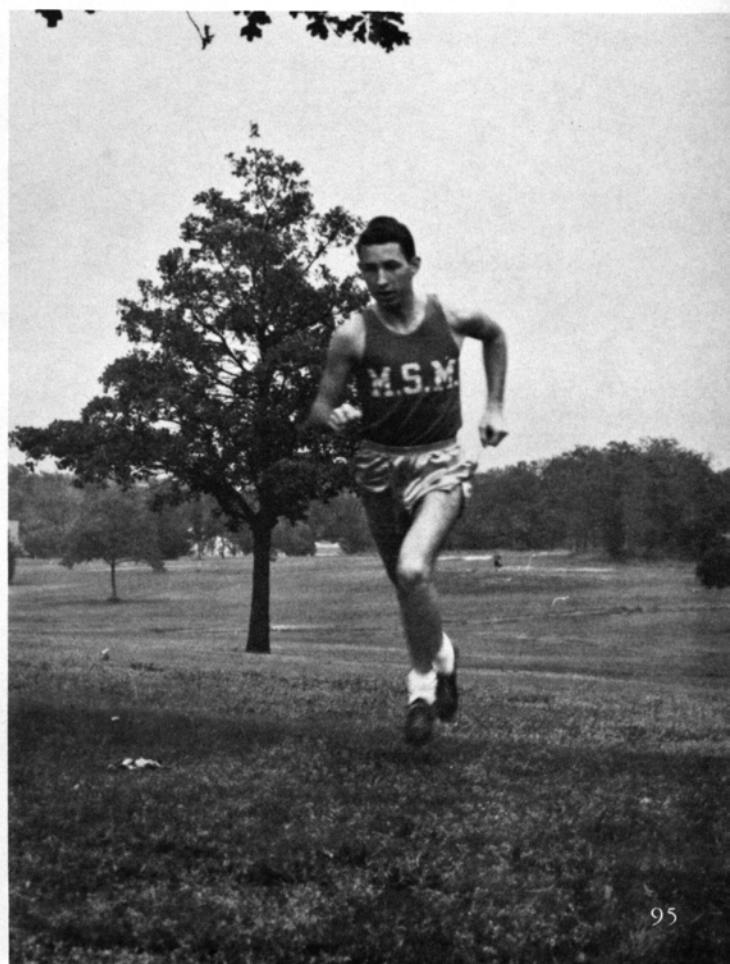


STANDING, LEFT TO RIGHT: Prof Schowalter, Mike Norman, Larry Bell, Louie Allen, Jay Waring. KNEELING: Skip Damotte, John Brown, Warner Poppe, Les Sheets, Larry Godfrey.

CROSS COUNTRY

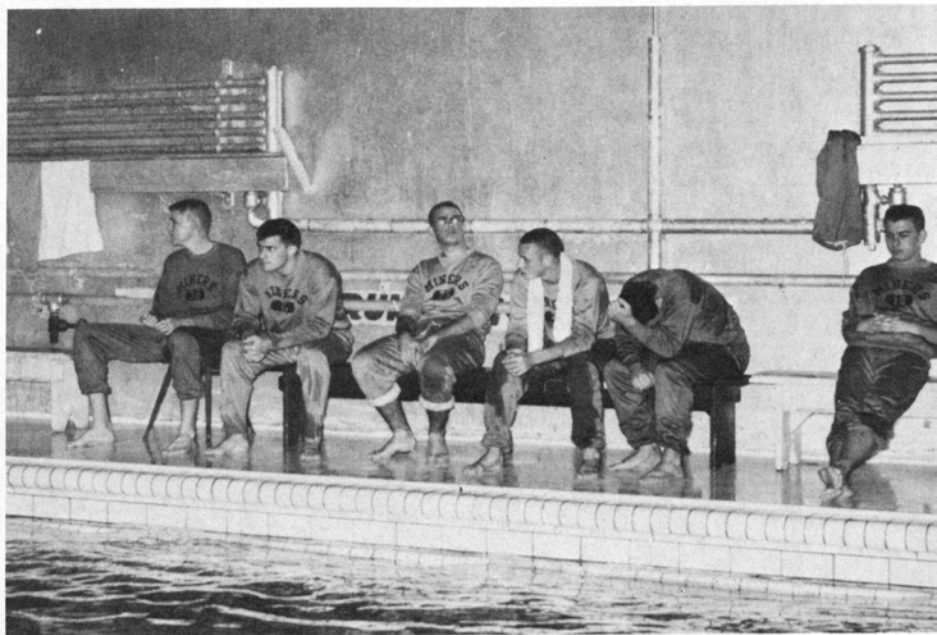
Les Sheets running the course.

John Brown, Les Sheets, Mike Norman Working out.





Lamers Diving



Waiting their turn

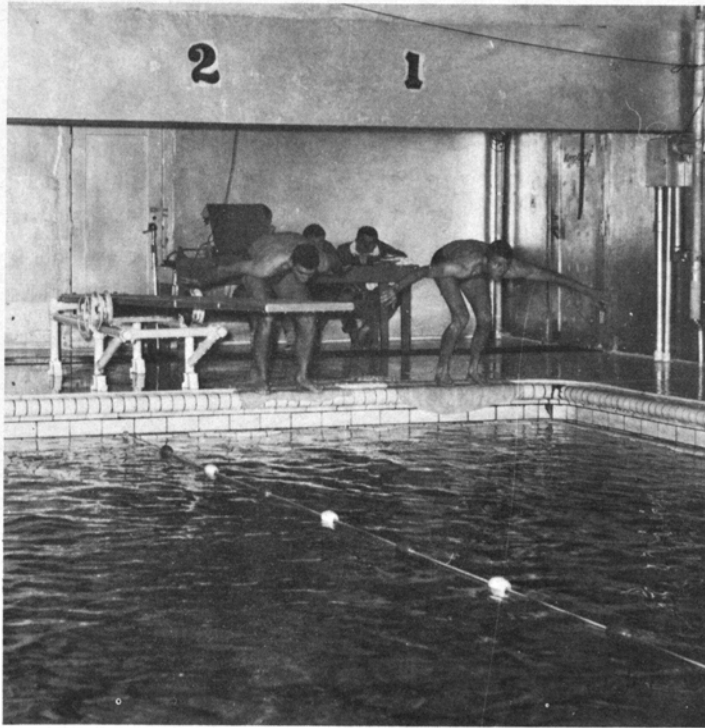
MSM		OPP
44	Hendrix College	51
37	Westminster College	58
13	Washington University	80
41	St. Louis University	53
38	Principia College	57
48	Westminster College	46

BACK, LEFT TO RIGHT: Kulhan, Shiefer, Rydberg, Clynes, Haymes. FRONT: Buecher, Short, Rhoades, Jones, Horner, Miller, Kadwell.



SWIMMING TEAM

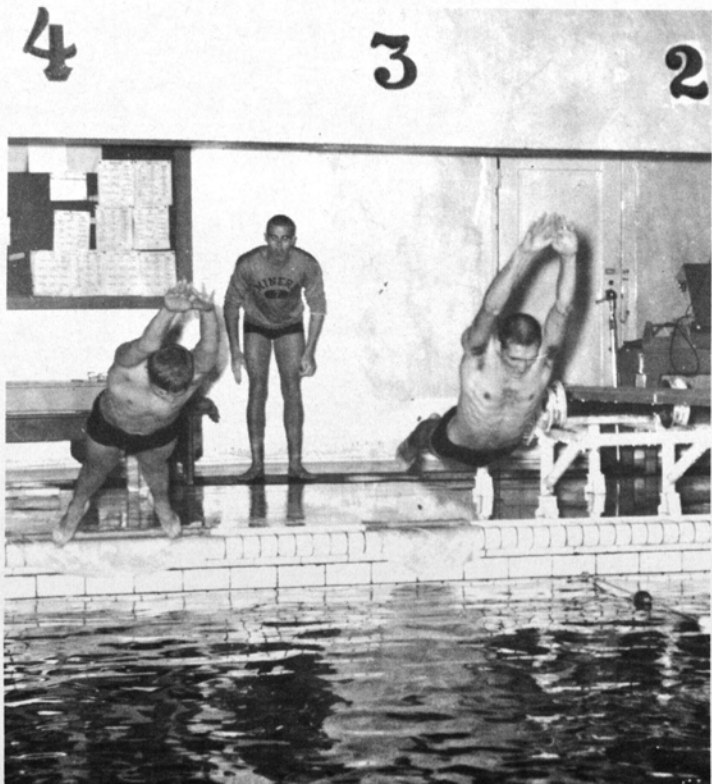
At the ready



Coach Burr VanNostrand

15	Pittsburg State	80
42	Central Missouri State	51
42	Indiana State University	52
36	Louisville University	59
42	Principia College	52

On their way



Buecher Diving

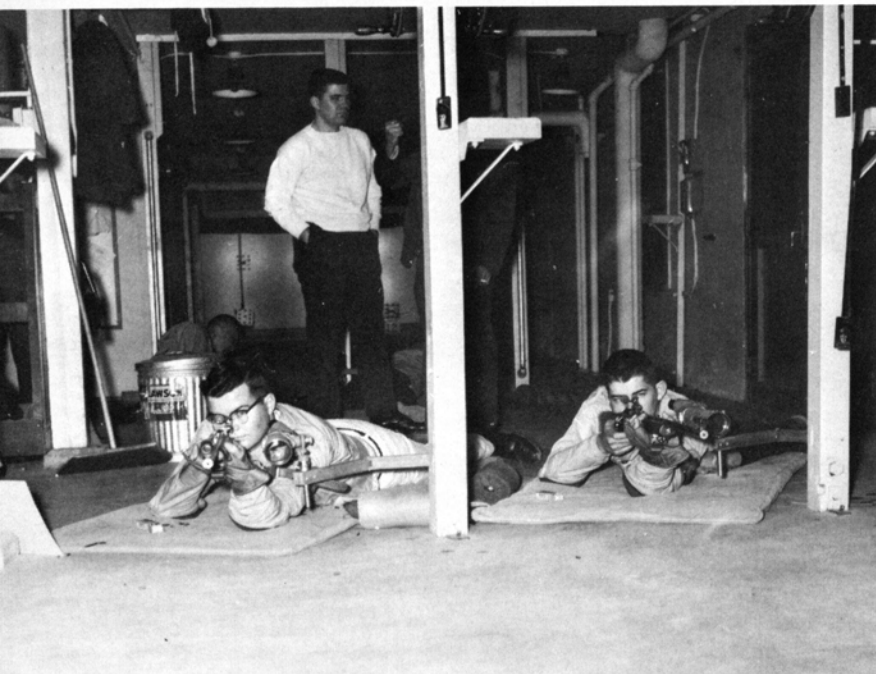
RIFLE TEAM

The rifle team at MSM is sponsored and coached by the Military department. This year, they had a very successful season and also had a very excellent showing at the Little Camp Perry Matches.

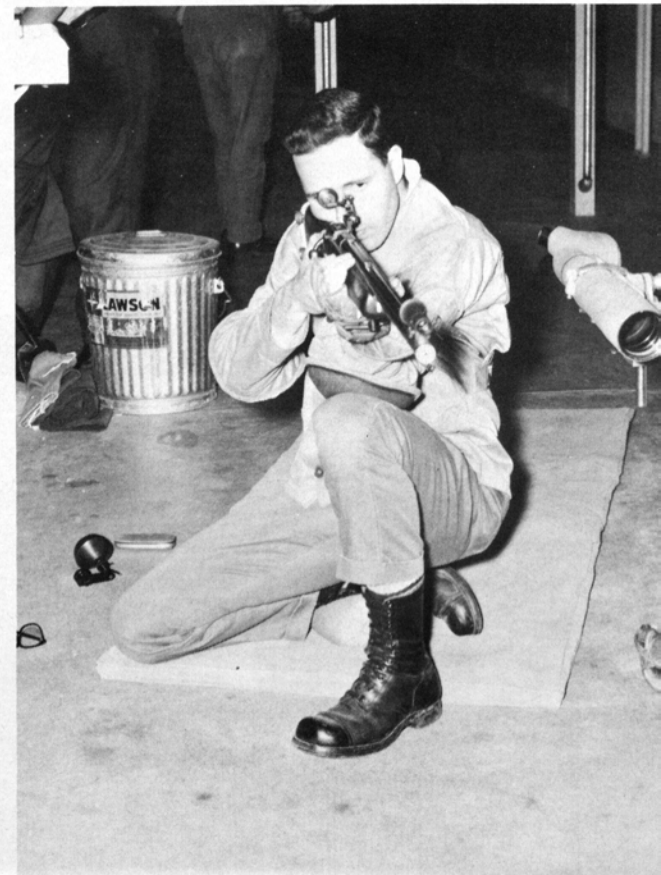


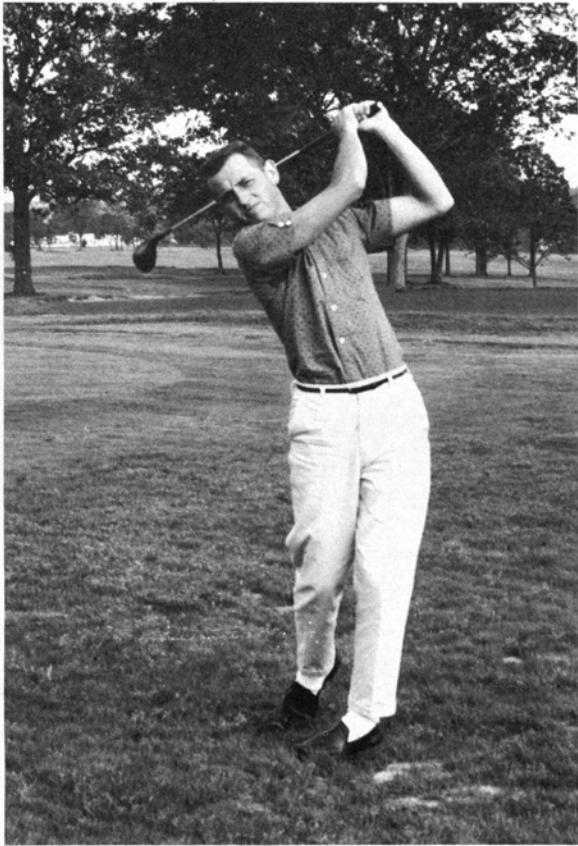
STANDING, LEFT TO RIGHT: Holkenbrink, Schweiger, Hall, Bingham, Moore, Capt. Tawes.
KNEELING: Elliott, Mcdonough, Steib (Team Capt.), O'Neal, Winkel.

Steip on the line



Wylie and Massey fire for the freshman team





Jones Tees off.



Pohl Putts one in.

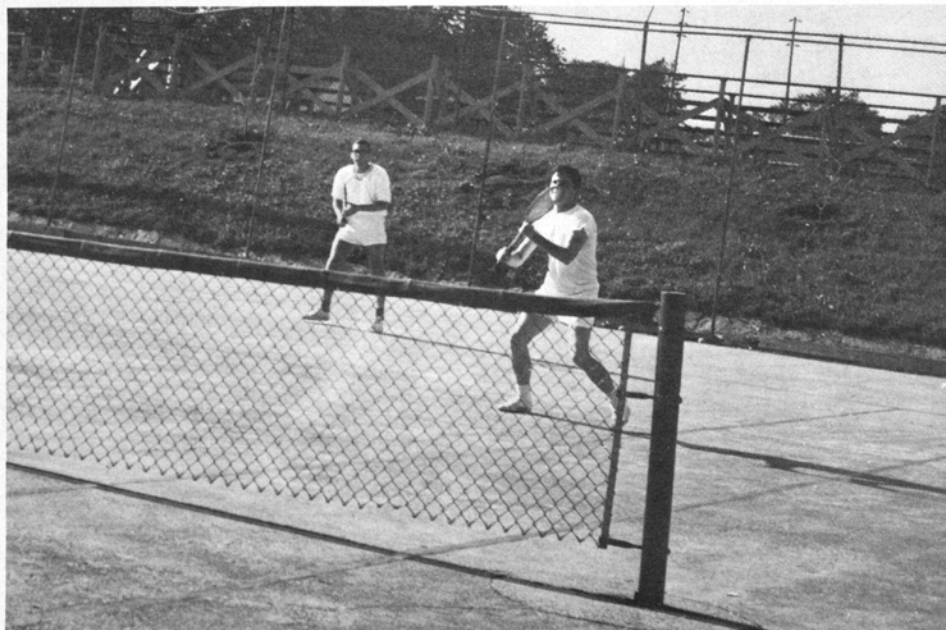
GOLF

LEFT TO RIGHT: Hubert Jones, Charley Riggs, Jack Turner, Bill McCracken, Toby Hafeli, Stan Nodland, Bob Pohl.





Whelove slams one back.



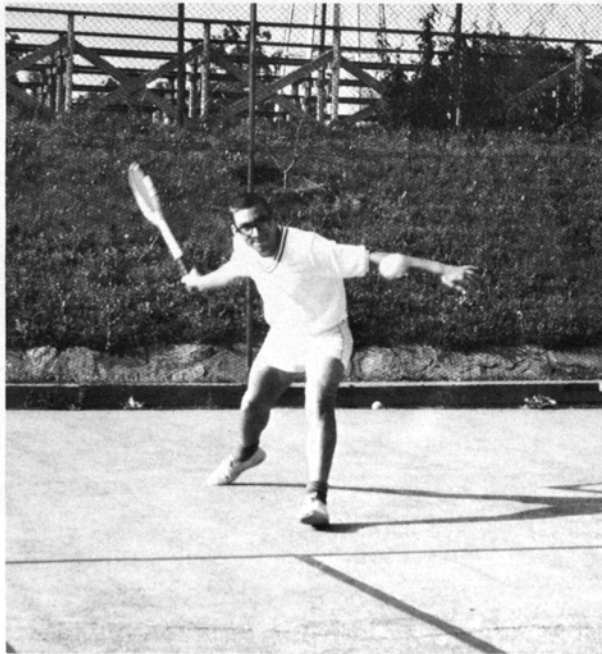
At the ready.

RECORD		
Opponent	MSM	
Washington U.	9	0
Lincoln	4	5
Westminster	6	3
Missouri U. (Frosh)	4	5
Drury	0	7

FRONT ROW, LEFT TO RIGHT: Goldbogen, Whelove, Thein. BACK ROW: Skamenca, Mason, Panhorst, Coach Morgen.

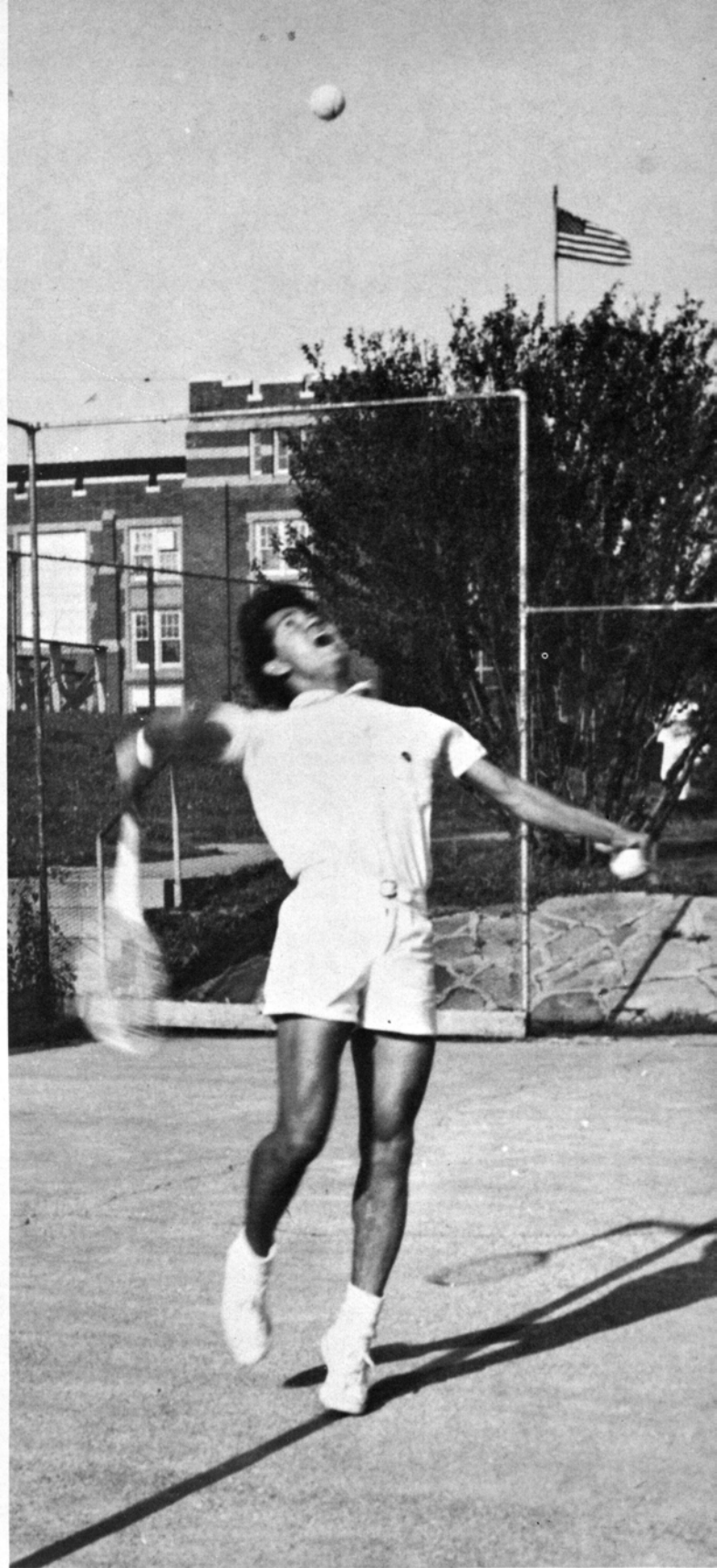


TENNIS



Goldbogen waits for the ball.

Waiting for a return.



Slam it back.

TRACK

RECORD		
Opponent		Miners
Evangel	87	46
Westminster	83	48
Washington U.	93	47
Springfield	92	39

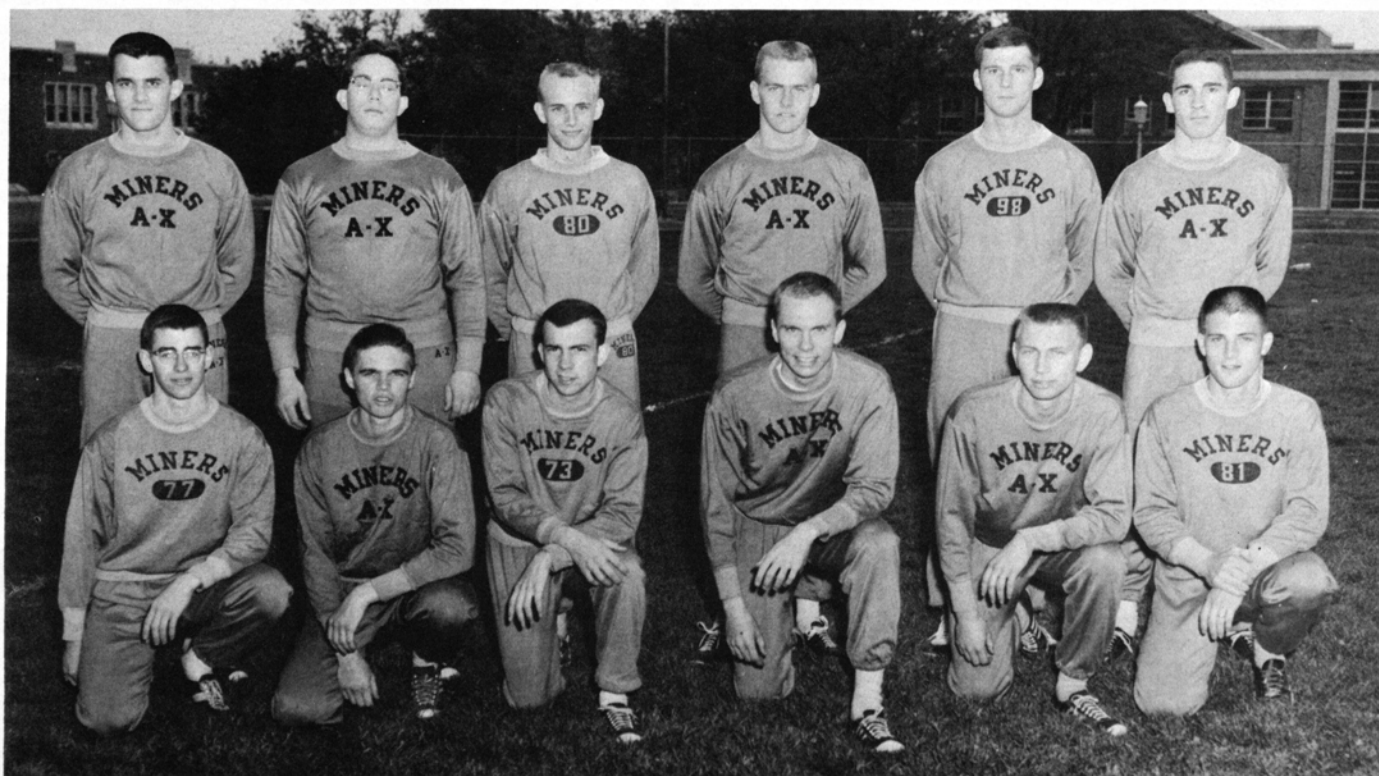


Doug Mullen, Holds MSM Pole Vault Record.



Up and over.

STANDING, LEFT TO RIGHT: Buecher, Faintich, Ravens, Hutchenson, Radkiewicz, Mullen. KNEELING: Vogt, Moore, Dunn, King, Thorpe, Brown.

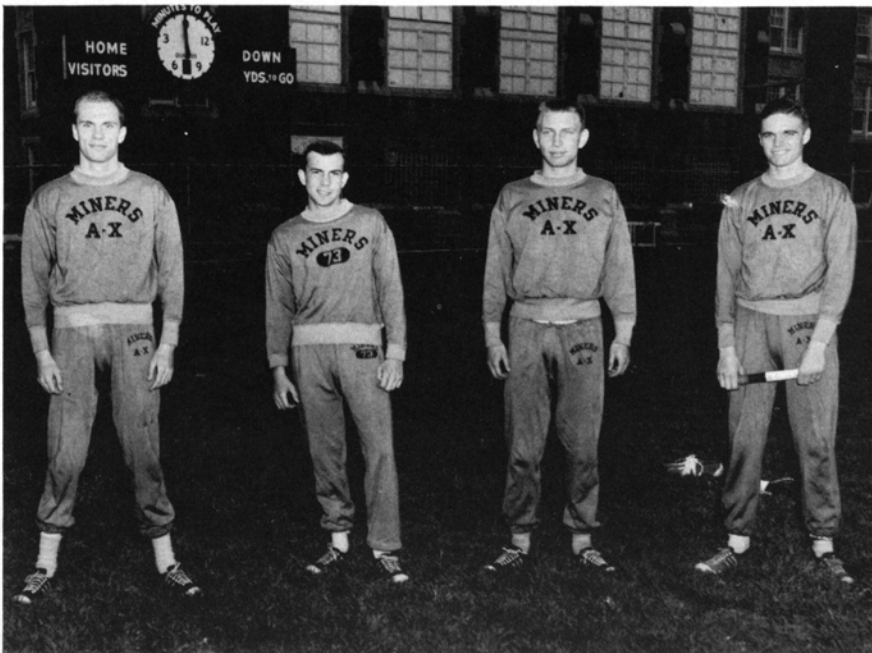




Wash U. is bad news.



Miners in the lead.



King, Dunn, Thorpe, Moore, MSM Mile relay record holders.



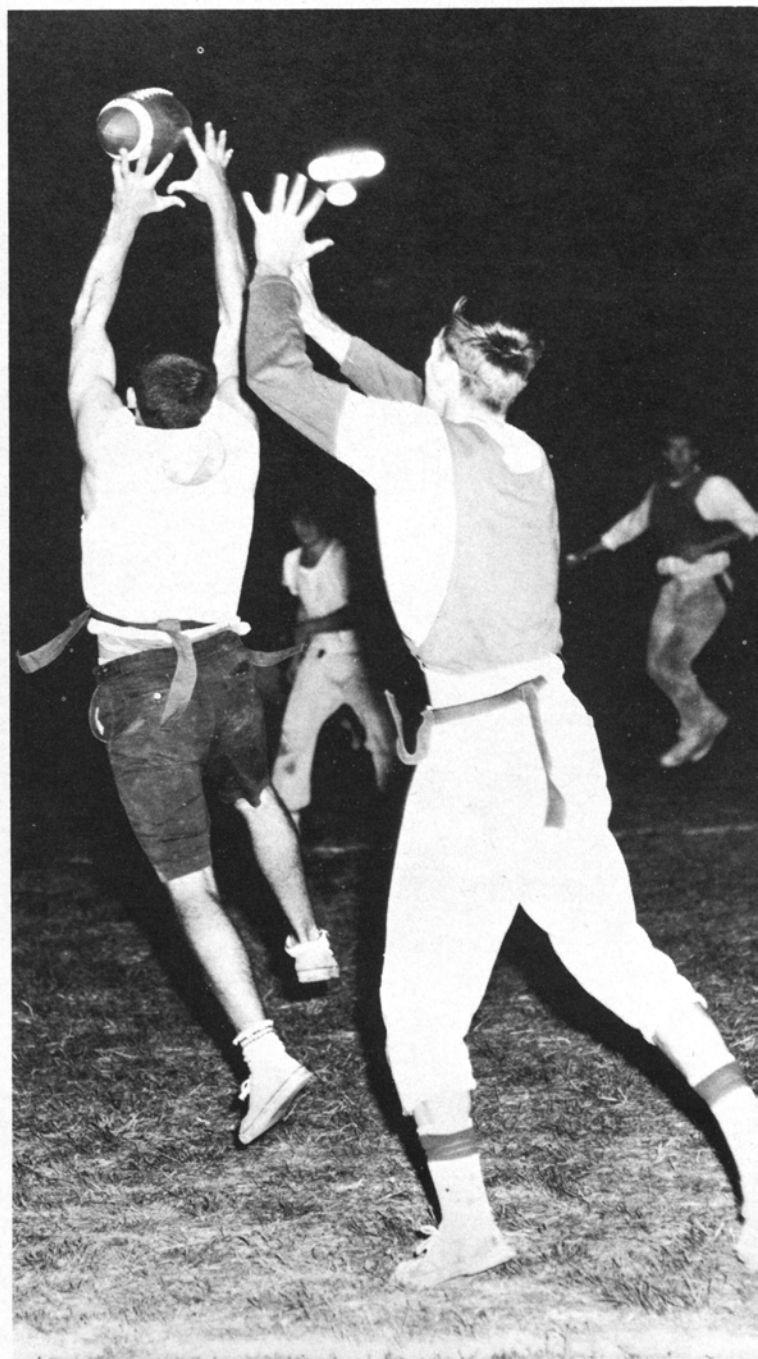
Over by a hair.

INTRAMURAL SPORTS



Fighting for a rebound

Two points?



Intercepted

FOOTBALL RESULTS

1st	Lambda Chi Alpha
2nd	Phi Kappa Theta
3rd	Sigma Tau Gamma

BASKETBALL RESULTS

1st	Tech Club
2nd	Sigma Nu
3rd	Phi Kappa Theta

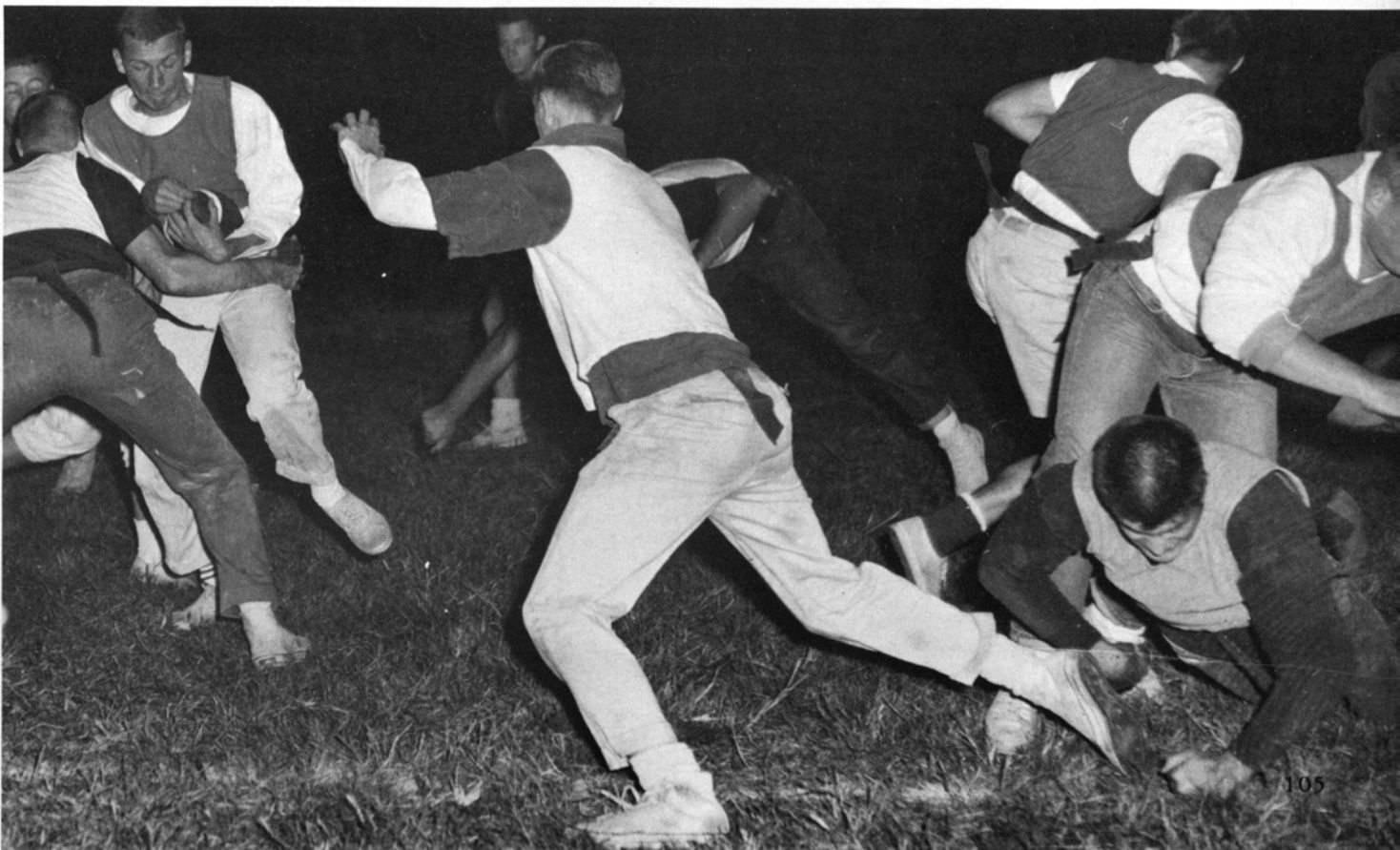


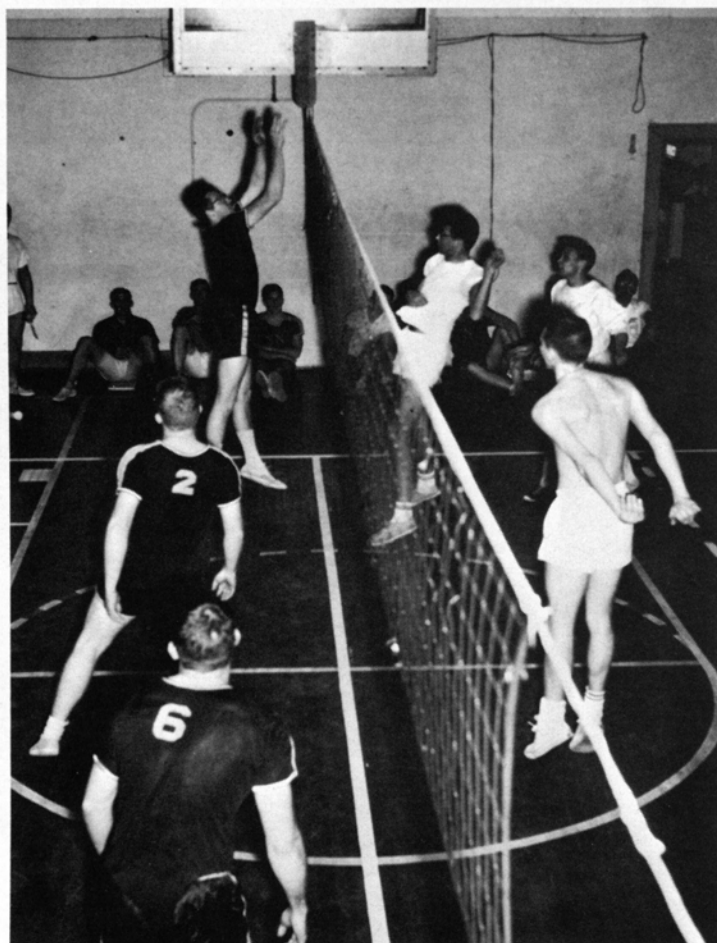
Got it!

FINAL INTRAMURAL STANDINGS

Tech Club	1
Kappa Sigma	2
Sigma Nu	3
Lambda Chi Alpha	4
Phi Kappa Theta	5
Triangle	6
Pi Kappa Alpha	7
Engineers Club	8
Sigma Phi Epsilon	9
Sigma Tau Gamma	10
Prospectors Club	11
Kappa Alpha	12
Beta Sigma Psi	13
Tau Kappa Epsilon	14
Sigma Pi	15
Dorms	16
Theta Xi	17
Delta Sigma Phi	18
Wesley	19
Acacia	20
Shamrock Club	21
Fifty-Niners Club	22
Phi Alpha	23
Baptist Student Union	24

That's far enough.





Slam it down

BOXING AND WRESTLING

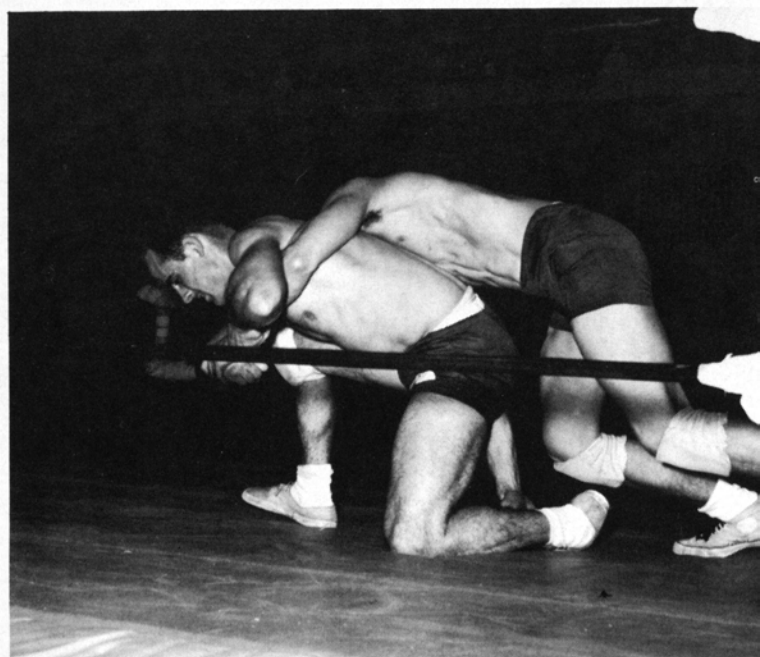
BOXING

Kappa Sigma
Tech. Club
Sigma Nu
Engine Club

1st
2nd
3rd

WRESTLING

Sigma Phi Epsilon
Prospectors
M.R.H.A.

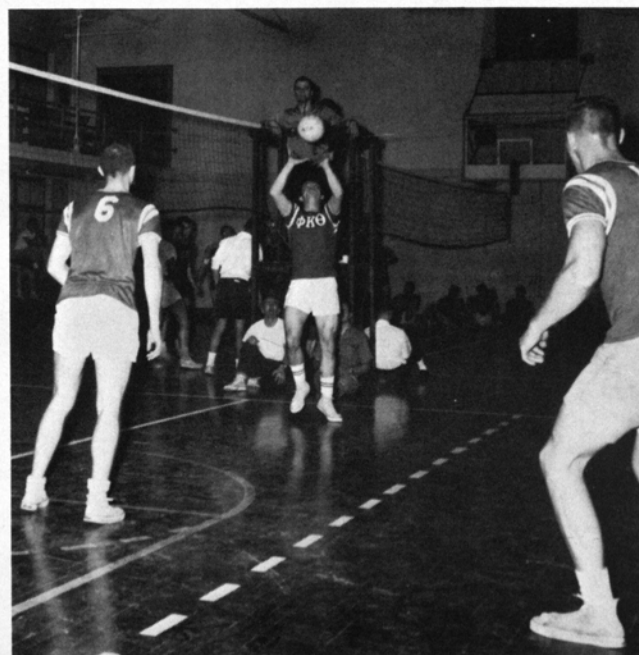


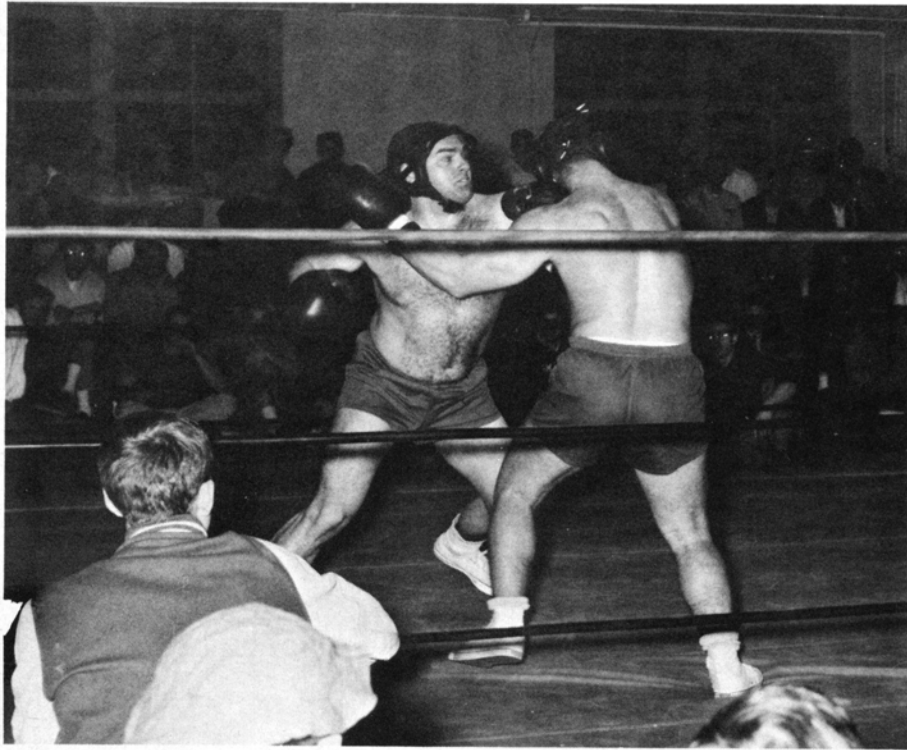
Please let go



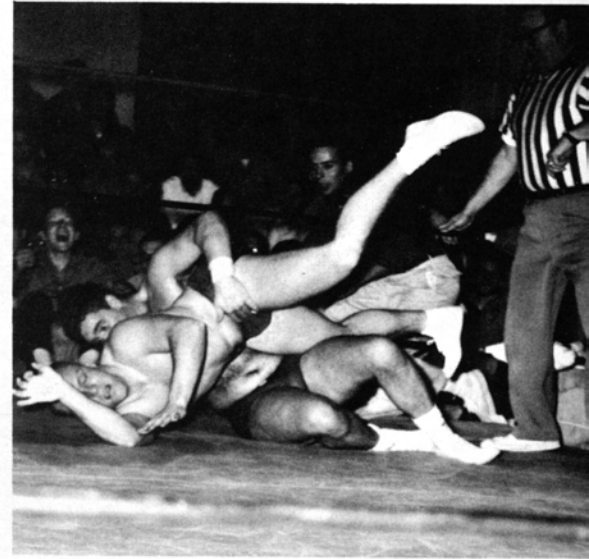
Oops! Missed!

Set him.





Take that



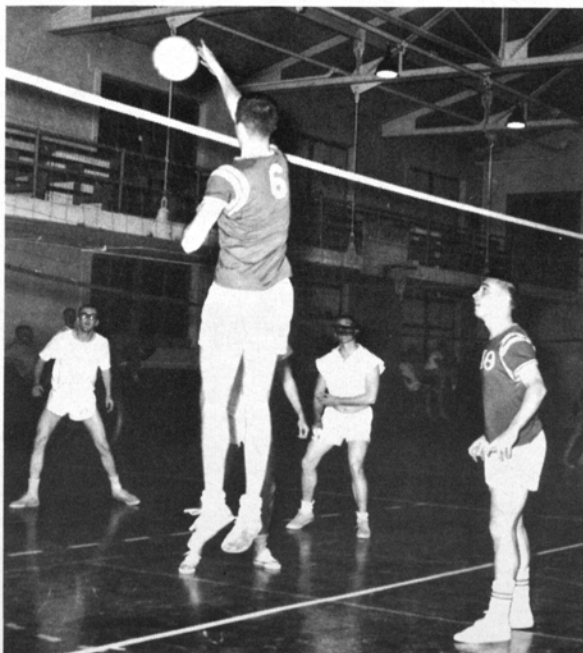
Down He goes

VOLLEYBALL

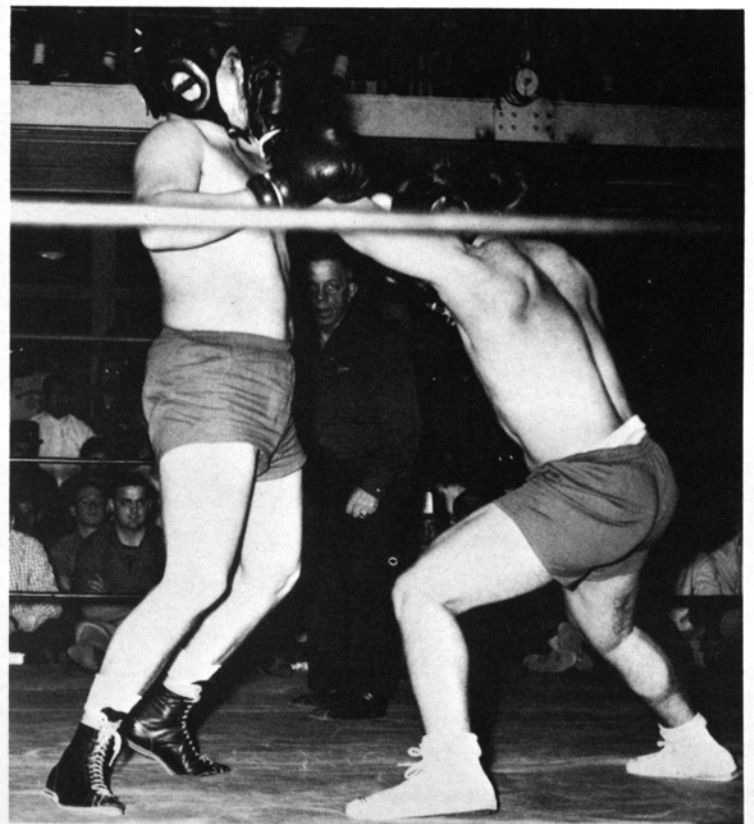
VOLLEYBALL RESULTS

1st	Phi Kappa Theta
2nd	Lambda Chi Alpha
3rd	Sigma Nu

Try to stop this



Hard on the old nose



SOFTBALL HORSESHOES TRACK



Hard and Fast.

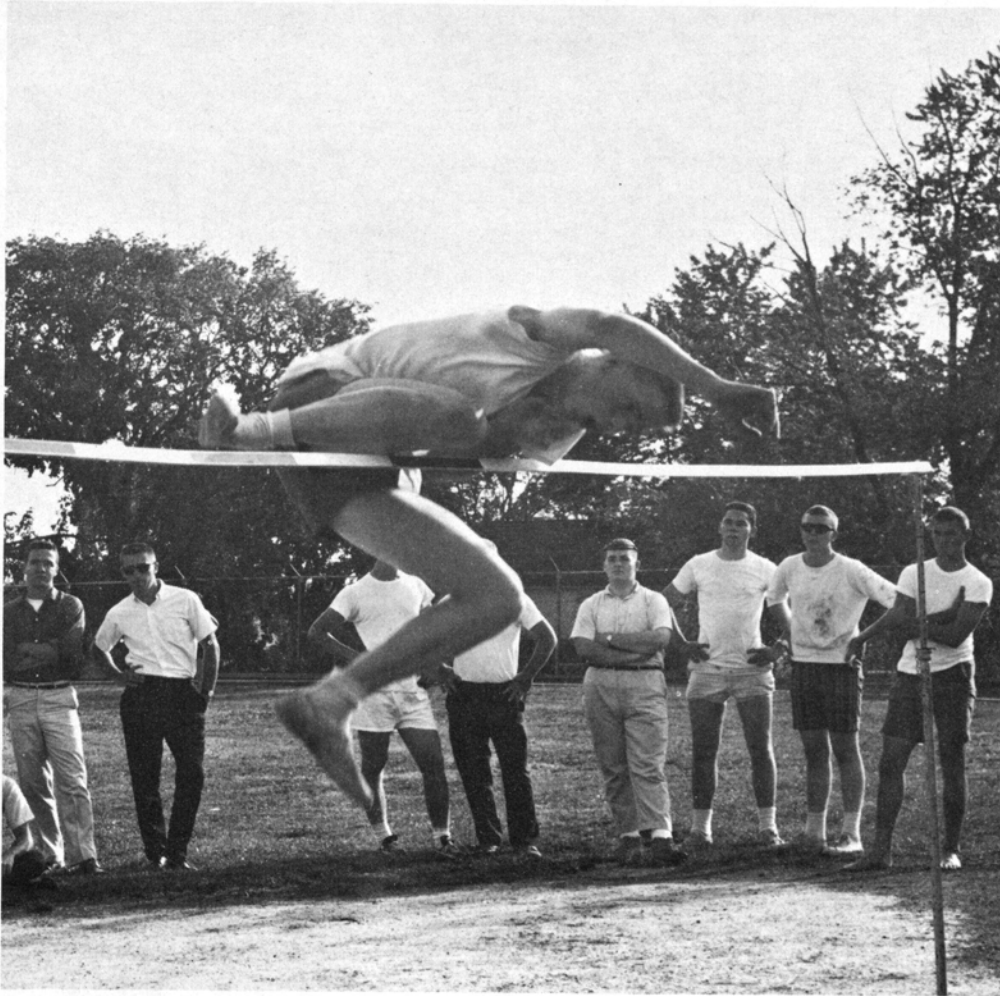
Don't Scratch.



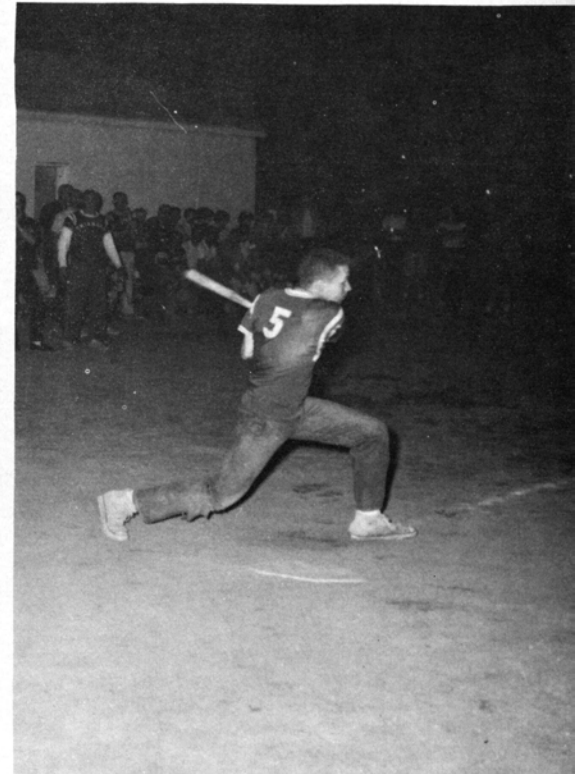
Ringer?

Now beat it to first.





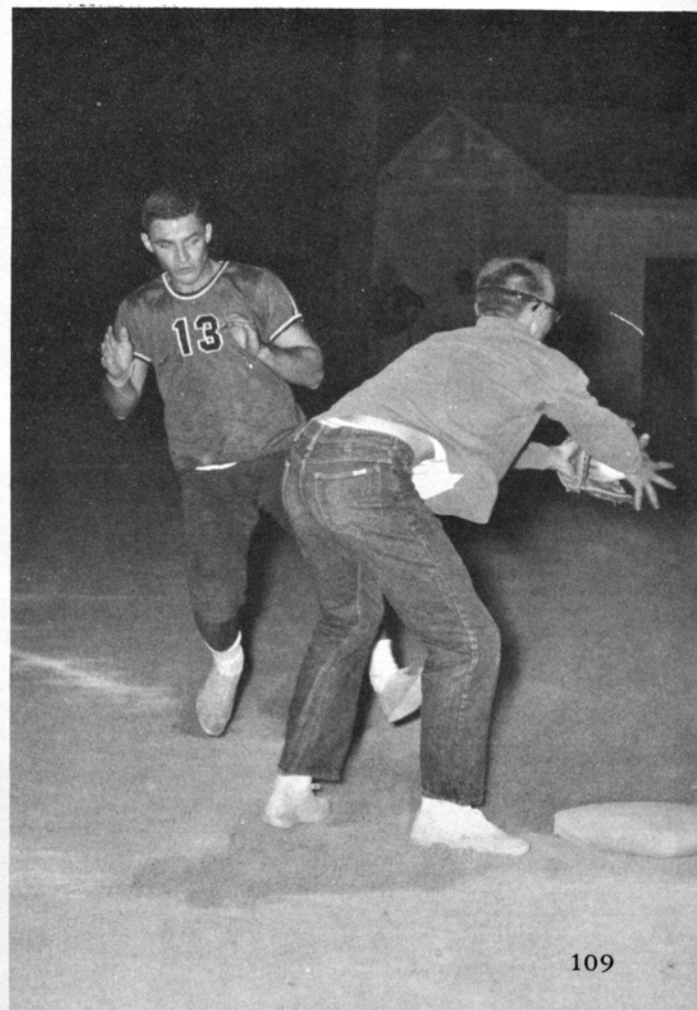
Oops!



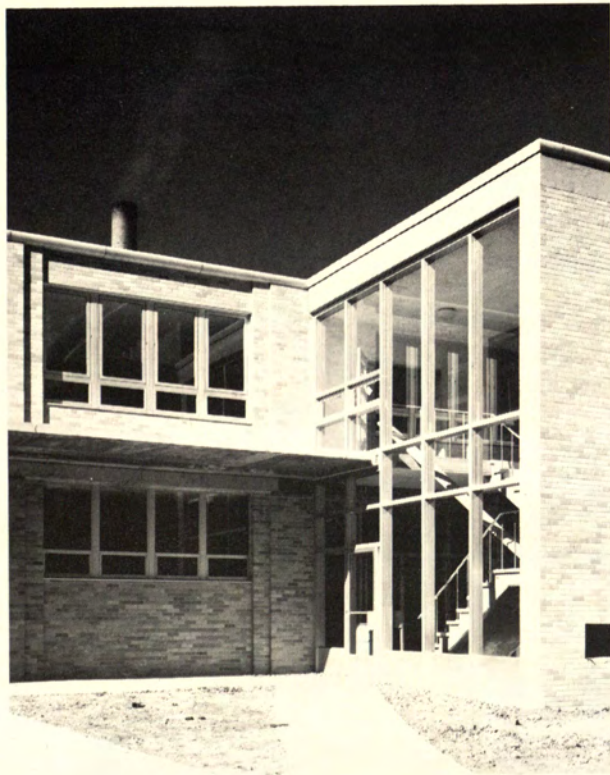
Run it out!



Triangle's first place team.



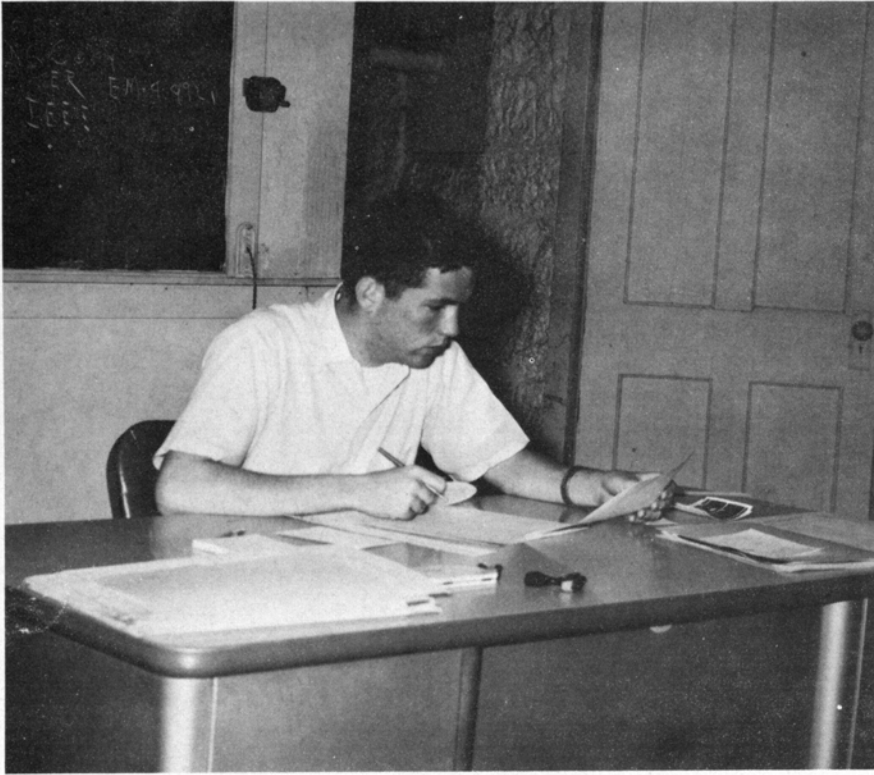
Slide!



ORGANIZATIONS



ROLLAMO BOARD



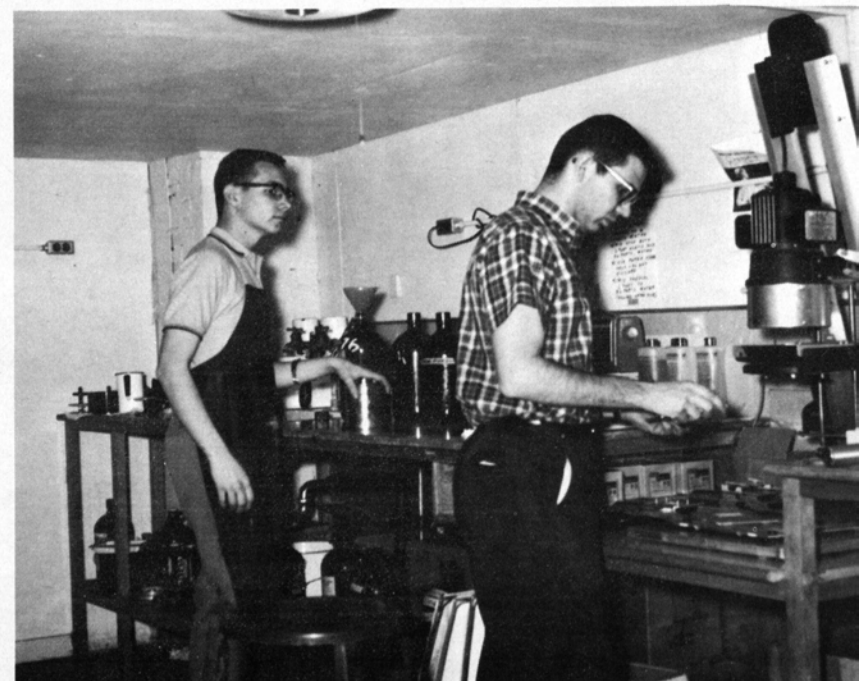
William Norfleet, *Sports Editor*.



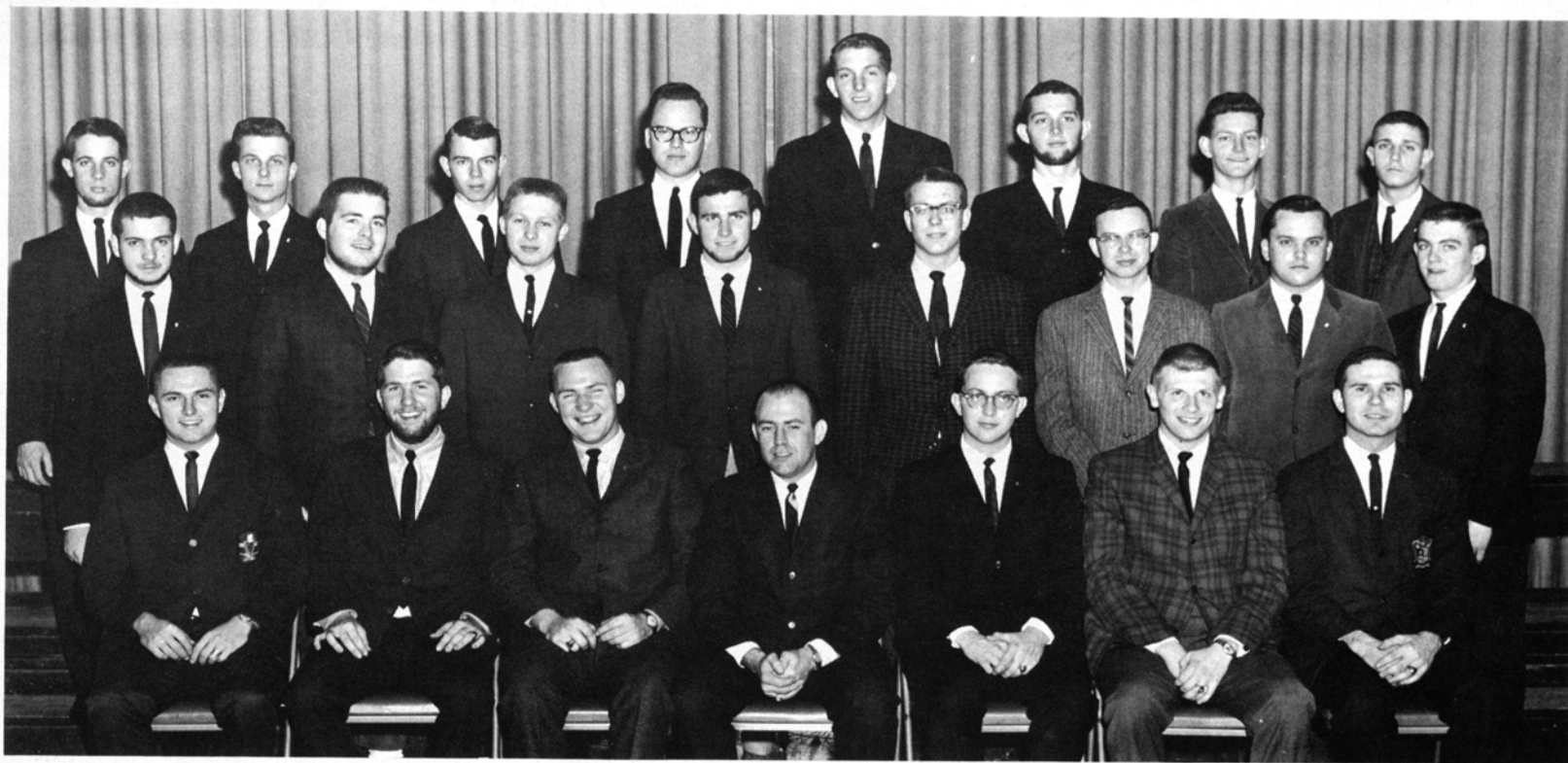
George Schillinger, *Business Manager*.



Deadline met with Judy's help.



Rollamo photographers and the well equipped lab.

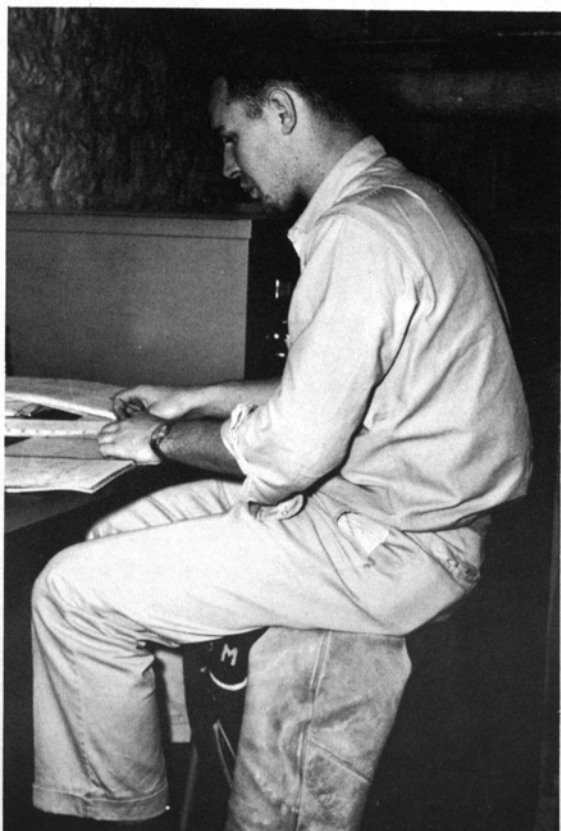


FIRST ROW, LEFT TO RIGHT: Koch (Literary Editor), Norfleet (Sports Editor), Crede (Associate Editor), Sieckhaus (Editor-in-Chief), Schillinger (Business Manager), Kamp (Classes Editor), Varady

(Photo Editor). SECOND ROW: Nuckolls, O'Malley, McCane, Shields, Beasley, Blume, Harvey, Stirrat. THIRD ROW: Riley, Dickson, Sullivan, Kettler, Fogler, Junge, Lack, Duncan.

ROLLAMO BOARD

William Crede, *Associate Editor*

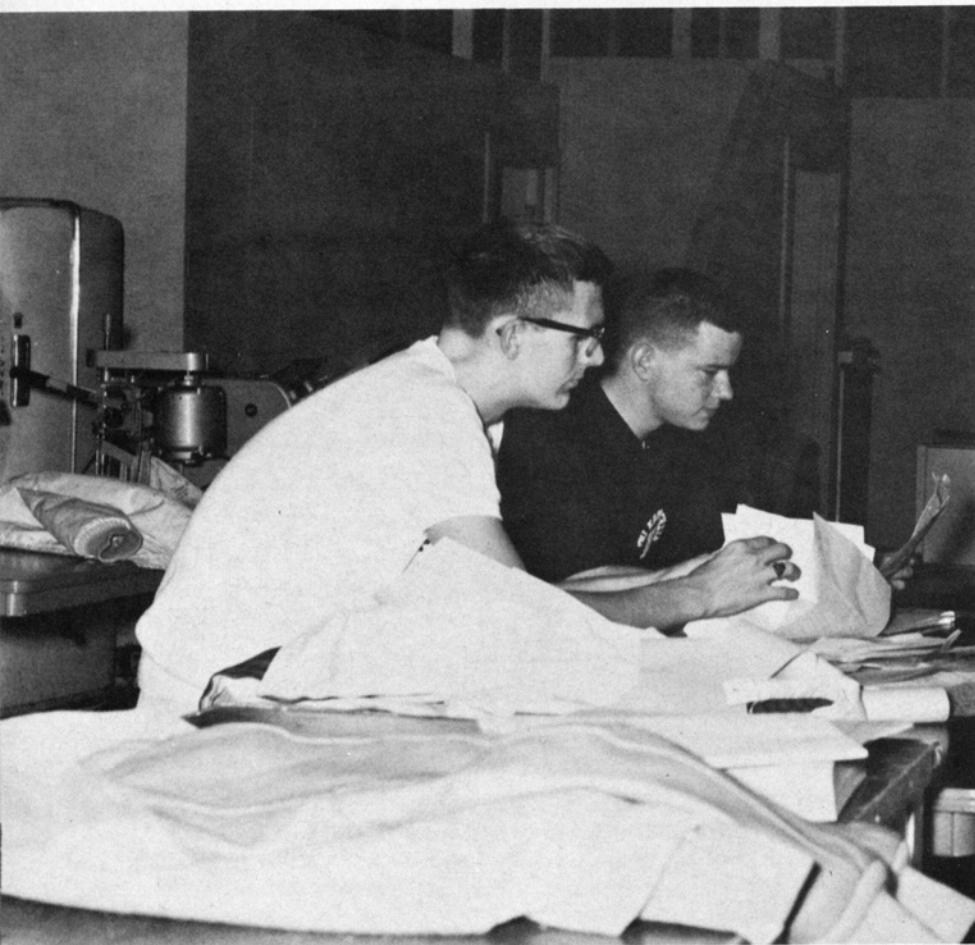


The function of the Rollamo Board is to compile picture and word descriptions of the happenings during a school year at the Missouri School of Mines and Metallurgy. These descriptions, laid out in organized form, provide a candid view of life at MSM. Membership on the Board is open to all students as tryouts for one year. Staff members are elected on a merit basis from the group of tryouts who have served for at least one complete year.

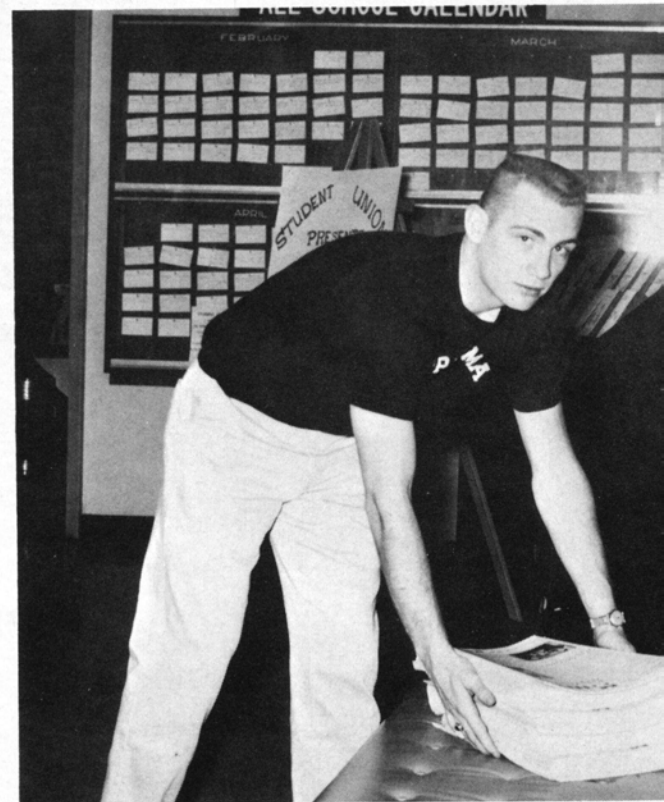
Robert Sieckhaus, *Editor-in-Chief*



MINER BOARD



Getting ready to go to press.



Circulation Manager Gerhardt distributing Miners

Editor Murray discussing St. Pat's edition of the Miner.



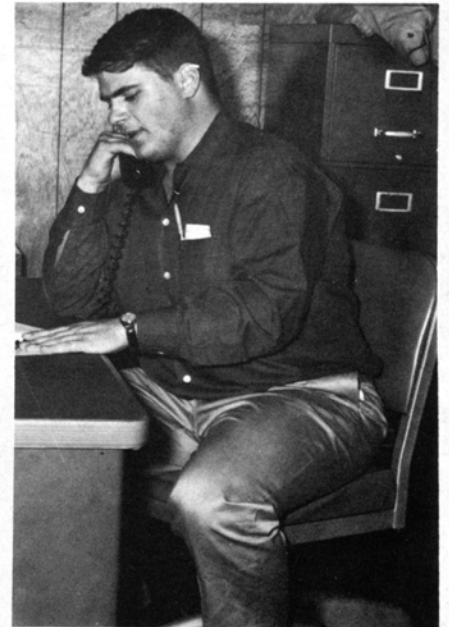
Editor Murray keeping a watchful eye on his workers.



MINER BOARD



Dave Blume (right), this year's Layout Editor, elected Editor for the 1963-64 school year.



Hugh Murray, the 1962-63 Editor of the Miner.

The official publication of the Missouri School of Mines and Metallurgy is the Missouri Miner. It keeps subscribers, alumni, and the student body well informed on campus news.

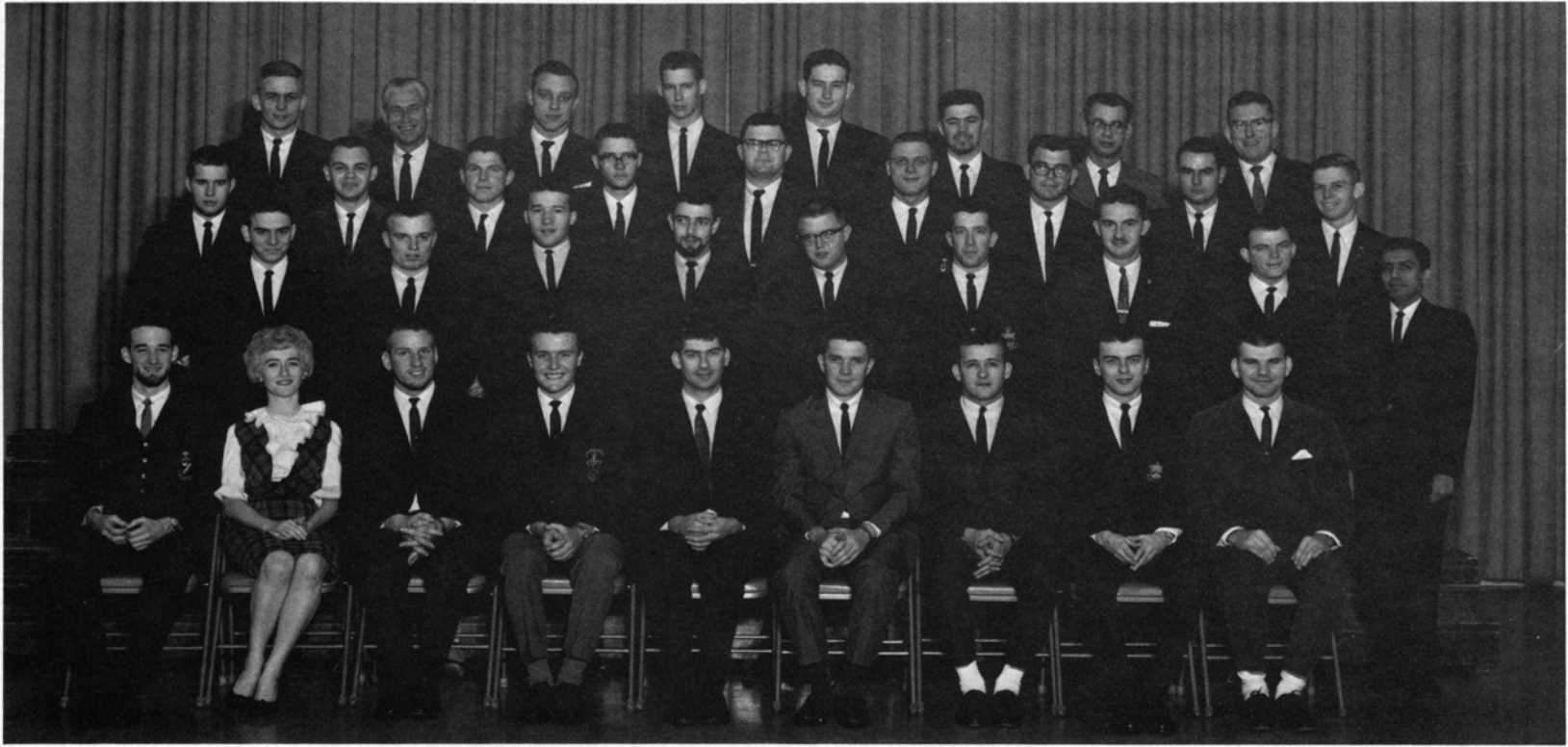
The Miner was first published in 1914, and since that time, it has been circulated weekly.

The Miner comprises sections including editorials, news, announcements, sports coverage, and topics of general interest to students.

FIRST ROW, LEFT TO RIGHT: Minton (Secretary), Gerhardt (Circulation Manager), Blume (Layout Editor), Murray (Editor), Gladysiewicz (Business Manager), Junge, Fogler. SECOND ROW:

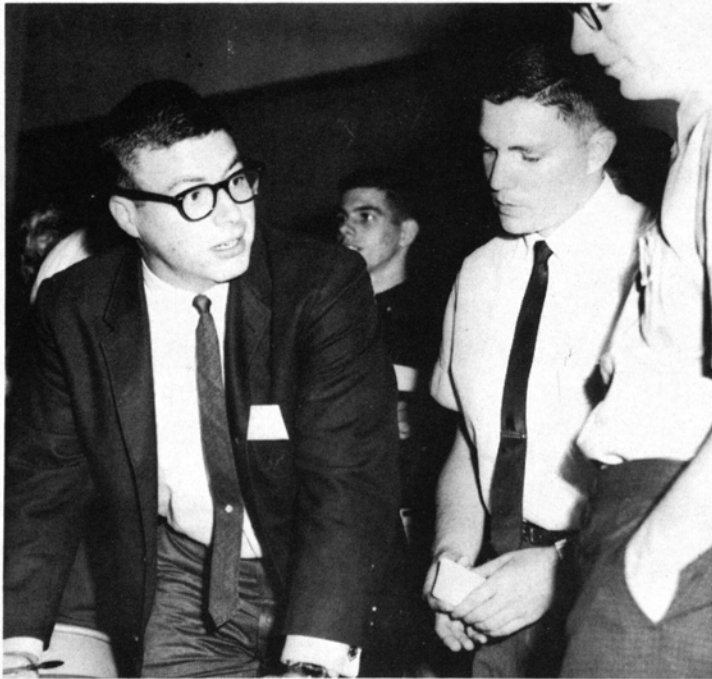
McCane, O'Malley, Crede, Devaney, Martin (Feature Writer), Mittler (Advertising Manager). THIRD ROW: Schillinger, Varady, Shields, Norfleet.





FIRST ROW, LEFT TO RIGHT: Carter, Andoe, Sommerkamp, Weaver, Moore (Advisor), Abernathy (President), Reeder (Vice-President), Moyhan (Treasurer), Modde. SECOND ROW: Ubaudi, Steinkamp, Nielsen, Parker, Million, Marshall, Stricker, Fenner,

Sedalia. THIRD ROW: Martin, Tira, Hill, Wolfmeyer, Holt, Warner, Erickson, Schwaller, Pryor. FOURTH ROW: Green, Planje, Taylor, Tesson, Schumacher, McCauley, Ainsworth, Dressel.



Guest speaker entertains questions.

ACS

A swiftly growing organization in an increasingly important field of engineering, the American Ceramics Society unites the undergraduate ceramic engineers through its membership. To promote interest in the professional aspects of ceramic engineering, technology, and science are the fundamental goals of the ACS. Emphasis on scholarship and character in the thoughts of Ceramic students is stressed in this organization.



Seniors discuss their "many" problems.



FIRST ROW, LEFT TO RIGHT: Trappmeyer (Faculty Advisor), Morgan, Baker (Secretary-Treasurer), Baer (President), Griffin (Vice-President), Connors, Jennings, Schmidt. SECOND ROW: Hall,

Lammers, Michael, Lalumordier, Johnston, Schoeffel, Clippard. THIRD ROW: Judkins, Sanders, Breuer, Rudolph, Holt, Miller.

W.T. SHRENK SOCIETY

The W. T. Schrenk Chemical Society was organized specifically for chemistry majors at the Missouri School of Mines. The organization is officially affiliated with the American Chemical Society, which gives its members an opportunity to develop leadership and professional stature.

The purposes of the Society are threefold: to acquaint students with professional opportunities for chemists; to keep them abreast of current advances in chemistry; and to establish rapport between the students and faculty.

Meetings are held every third week with a program usually presenting a speaker or informative movie. Spring and fall outings are also sponsored.



W. T. Schrenk Society fall outing.

Chemical processes analyzed.



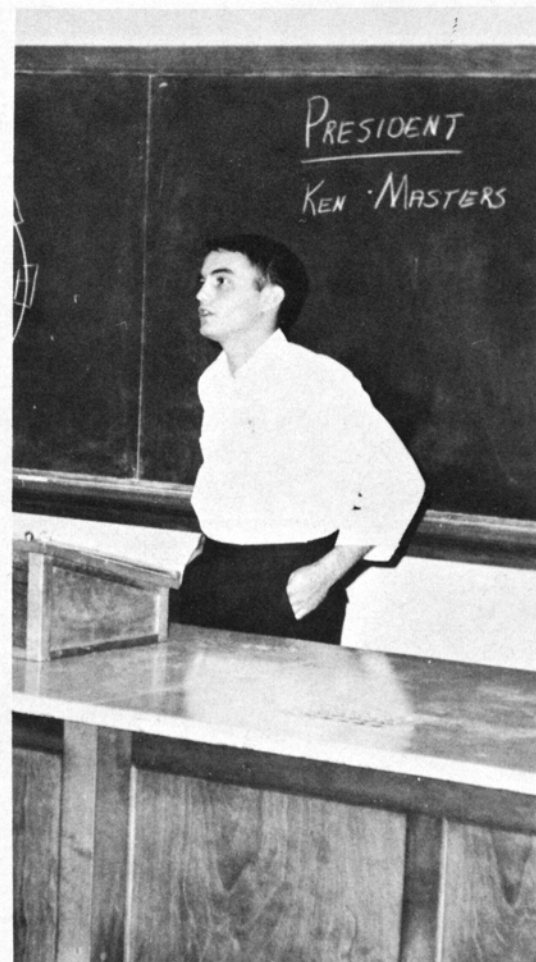
AIChE

The MSM chapter of the American Institute of Chemical Engineers was established by a small group of chemical engineering students known as the Ira Benson Society.

The main purpose of the AIChE is to provide opportunities for professional development of students enrolled in chemical engineering.



Guest speaker entertained by students.



Election of new officers.

FIRST ROW, LEFT TO RIGHT: Hunter, Clarida, Stewart, DeMay (Treasurer), Denzel (Vice-President), Masters (President), Hoffmeister, Hickenbotham, Middleton. SECOND ROW: Wilson, Nitin, Gunn, Wacker, Hellon, Russell, Collins, Price, Doll, McCracken.

THIRD ROW: Hausgen, Weber, Stirrat, Hrastich, Miller, Strebler, Kemp, Mitchell, Bugg, Holley, Myers. FOURTH ROW: Dickson, Watson, Needels, Hollander, Payne, Wulfert, Porter, Hascall, Milliman, McFadden.





FIRST ROW, LEFT TO RIGHT: Middeton, McCracken, Wulfert (Treasurer), Needels (Vice-President), Denzel (President), DeMay, Baer, Moodie, Clarida. SECOND ROW: Blumenberg, Wacker,

Zeitzmann, Norman, Gunn, Bugg, Baker, Hanna, Doll, Howard. THIRD ROW: Moormann, Winters, Knox, Dudley, Miller, Thurman, Scott, Kemp, Mitchell, Schoeffel.

ALPHA CHI SIGMA

Alpha Chi Sigma, a professional fraternity for men studying the chemical sciences, is designed to facilitate the transition from collegiate life to professional life. The organization attempts to bind its members in the interest of chemistry with lifelong friendship, to strive for the advancement of chemistry, and to aid its members in attainment of their goals as chemists.

Monthly business meeting.



Guest speakers and movies features at meetings.





FIRST ROW, LEFT TO RIGHT: Joquay, Stemler, LaPlante, Andesilich, Davis, Branum. SECOND ROW: Ringhausen, Spencer, Martin, Huckabee (Corresponding Secretary), Riney (Secretary), Markland (President), Hardie (Treasurer), Mausshardt (Secretary), Turner, Bryan, Huber, Zieba, Busch. THIRD ROW: Smith, Laning, Willard, Thomes, Mittler, Rohmaller, Littlefield, Crosnoe, Buttry, Stuart, Odendahl, Reynolds, Lemons, Butery, Duncheon, Fitts,

Brunjes. FOURTH ROW: Daniels, Fritsch, Houchin, Clynes, Kamp, Guvenir, Barth, Stirrat, Knippel, Roeder, Mueller, Tharp, Neely, Gress, Ferrell. FIFTH ROW: Newsom, Otto, Johnson, Harper, Harmon, Anderson, Rancilio, Turner, O'Brien, McMahan, Betz, Wunderlich, Cotter, Manning, Loth. SIXTH ROW: Schaeffer, Hayden, Oberhaus, Heiskell, Robb, Sutherland, Zabel, Conley, Steib, Herrmann, Canastar, Hansen, Hunt, Neville.

ASCE

Refreshments after meeting.



The ASCE Student Chapters are established to serve civil engineering students by supplementing their college courses with those professional contacts and associations which are so valuable to the practicing engineer.

The organization acts as a medium for developing principles of personal and public relations. The many activities of the student chapter contribute to mental development and mature practical application of knowledge.

Officers Adam, Hardie, Huckabee, Riney, Markland, and Faculty Advisor Roberts.



CHI EPSILON



Dean Wilson at initiation banquet.

FIRST ROW, LEFT TO RIGHT: Ringhausen, Markland, Schaeffer, Daniels (President), Stemler (Vice-President), Sutherland (Secretary), Fritsch (Treasurer). SECOND ROW: Zieba, Newsom, Lyons,



Pre-meeting discussion.

Since its founding at the University of Illinois in 1922, Chi Epsilon has grown to become the only well-established national civil engineering honor fraternity. Chi Epsilon came to the School of Mines campus thirteen years ago, and now holds a position of respect and admiration among the other organizations.

Increased achievement, paralleled by increased efficiency for cultural betterment of man, is the objective of this honor organization.

Lane, Rohmaller, Loth, Nodland, Brunjes. THIRD ROW: Ferrell, O'Brien, Rintoul.



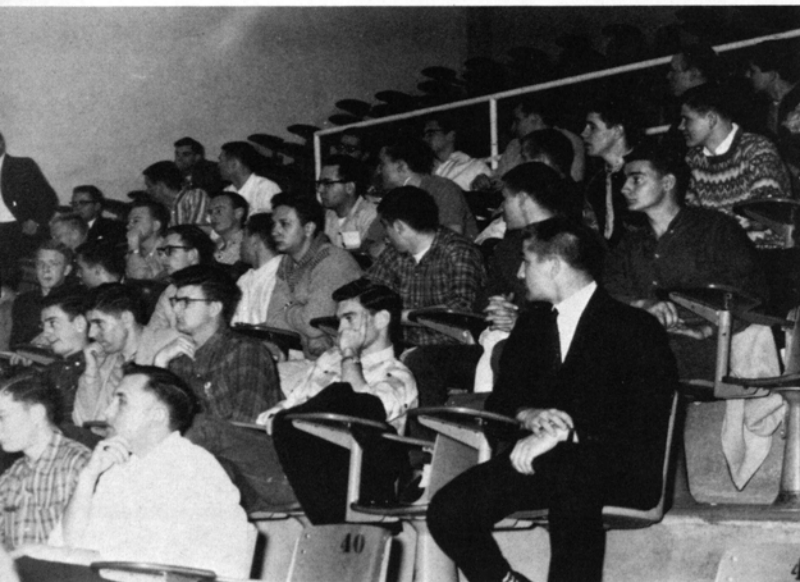


FIRST ROW, LEFT TO RIGHT: Koch, Fender, Foltz, Voorhis (Secretary), Kamman, Swearingen (Vice-President), Baremore (President), Stine (Treasurer), Vannoy, Gastineau, Gillette, Scott, Fisher. SECOND ROW: Mueller, Greer, Watson, Hughes, Templeton, Fisher, Peirson, O'Neal, Carter, Hunter, Alexander, O'Neill, Lamont. THIRD ROW: Lochnen, Alvarez, Parks, Wilding, Kramer, Mathews, Blumfelder, Aus-

tin, Brunner, Olney, Wade, Kirn, Ulrich, Spencer, Vogelpohl, Busby. FOURTH ROW: Komo, Munn, Deagen, Redington, Heillman, Crawford, Lee, Kehrman, Pasek, Wheeler, Henard, Smith, Duncan, Siever, Willis. FIFTH ROW: Roberts, Sifers, Barr, Buchmeier, Morrison, Spurgeon, Grace, Herzog, Seymour, Jungers, Heibein, Engelbert, Dodd, Unternaehner, Loeschner, Dickey.

IEEE

The IEEE is a new organization on the campus, incorporating the ideals and purposed of the AIEE and the IRE, which it replaces. It provides a meeting spot where all electrical engineers can exchange information. The student chapter presents an outstanding speaker on electrical engineering each month. Through its activities, members broaden their knowledge of the numerous specialities available to electrical engineers.



IEEE strongly supported on campus.

Special speakers a valuable aid to students.



ETA KAPPA NU



Student problems brought forth at regular meetings.



Problem solving demonstration.

First founded in 1904 at the University of Illinois, Eta Kappa Nu has spread throughout the nation to bring together the top-grade electrical engineers.

Eta Kappa Nu strives to foster a spirit of liberal culture in the engineering colleges, and to honor those students in electrical engineering who have become distinguished through their scholarship, leadership, and exemplary character.

FIRST ROW, LEFT TO RIGHT: Swift (Corresponding Secretary), Campbell, Seymour (Secretary), Swearingen (President), Alexander (President 1st Semester), Gastineau (Vice-President), Winter (Recording Secretary 1st Semester), Taylor (Treasurer), Morgan. SECOND

ROW: Baremore, Loeschern, Devaneu, Komo, Vannoy, Voorhis, Templeton, Dickey. THIRD ROW: Holloway, Morrison, Fisher, Herzog, Vogelpohl, Dodd, Unternaehrer.

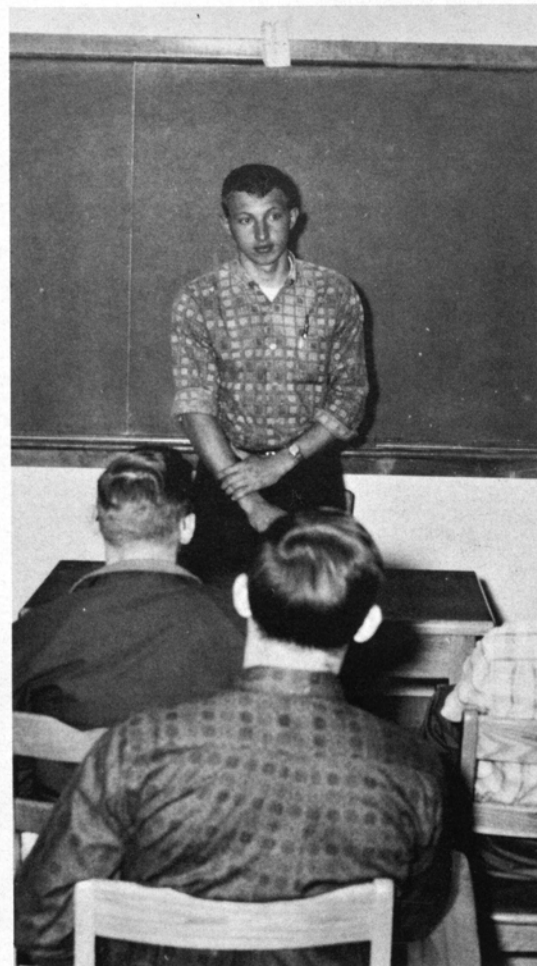


KAPPA MU EPSILON

Kappa Mu Epsilon, the national mathematics society is made up on the strong foundation of those students who are interested and skilled in mathematics. Its meetings are orientated toward a better understanding of mathematical technique, the most basic building block of the sciences.



Kappa Mu Epsilon a growing organization.



Morris gives his report.

FIRST, ROW, LEFT TO RIGHT: Barclay, Robertson, Morris (Secretary), Smith (Treasurer), Carnes (President), Roth (Vice-President), Oglesbee. SECOND ROW: Komo, Hall, Buecher, Anna, Hamilton,

Schoonouer, Hoel. THIRD ROW: Chrisman, Morrison, Laughlin, McHugh, Jones, Bosnak.





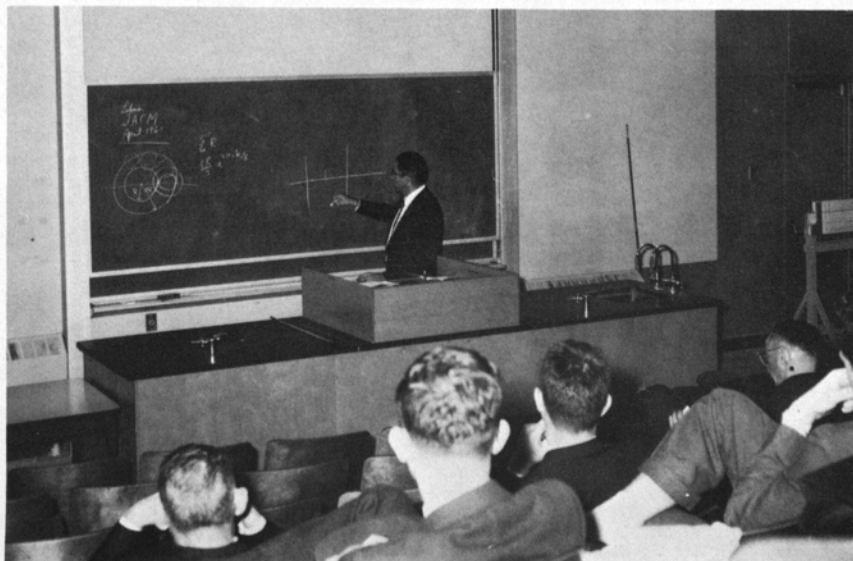
FIRST ROW, LEFT TO RIGHT: Dickey, Jaquay, Meyer (Secretary), Chrisman (Treasurer), Lamb (President), Smith, Bosnak. SECOND ROW: Bowman, Colombo, Laughlin, Jones, Oglesbee.

ASSOCIATION FOR COMPUTING MACHINERY

Since its organization in the fall semester of 1961 as the second such chapter in the nation, the MSM chapter of the Association for Computing Machinery has grown rapidly to a membership of about fifty.

ACM promotes interest in design, languages, and application of high-speed computing machinery. Membership is open to all students who have taken or are taking at least two semester hours in computer courses.

Computer problems discussed in meetings.



Professor Lee (right), computer center director.





ASME sectional meeting.

ASME

The American Society of Mechanical Engineers is a link between the mechanical engineering students and practicing engineers. It was established on the School of Mines campus in 1930. Membership is open to students and graduate mechanical engineers.

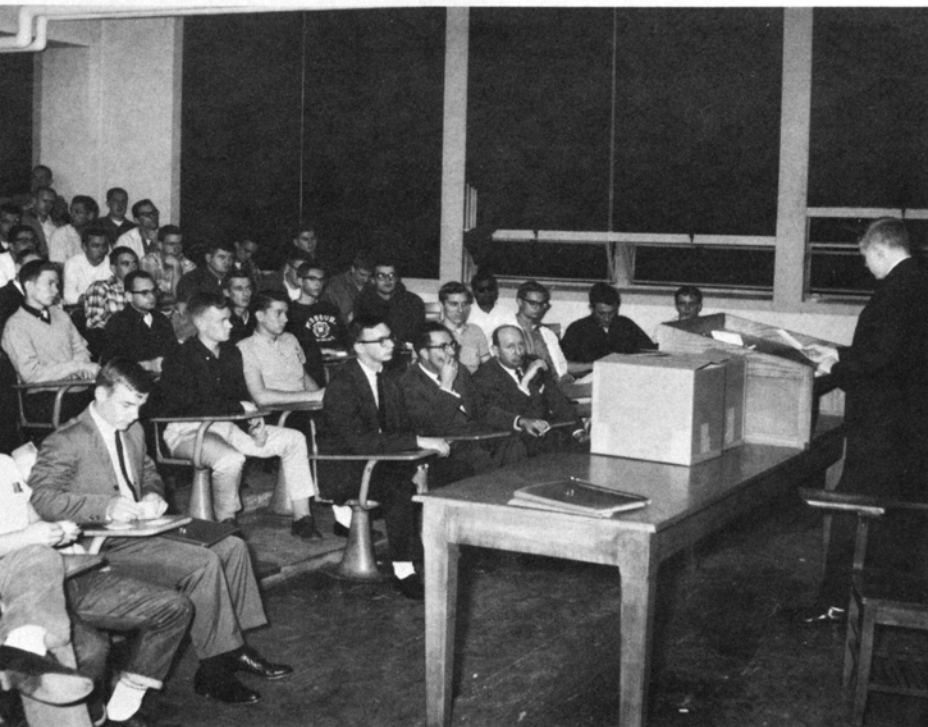


Mayor Tucker, St. Louis, speaks at sectional meeting.

FIRST ROW, LEFT TO RIGHT: Roth, Bugg, Holland, Spencer, Bailey (Vice-President), Karr (Treasurer), Cassimatis (Secretary), Schmidt (President), Schaefer, Crow, Whitlock. SECOND ROW: Higbee, Franklin, Giger, Mines, Aubrecht, Lindsay, Reed, Walthall, Teis, Hinz, Pickens. THIRD ROW: Haury, Schwaller, White, Lin-

denlaub, Reininger, Monroe, McCane, Holmes, Hodge, Pappert. FOURTH ROW: Schmitz, Crede, Heinzen, Clamors, Dillion, Goodman, Fink, Blanco, Morris. FIFTH ROW: Riess, Buescher, Salof, Salof, Harper, McKinnis, Robertson.





ASME one of the largest student organizations.

ASME



Dean Wilson honored at sectional meeting.

FIRST ROW, LEFT TO RIGHT: Schattyn, Ramming, Morlan, Cleve, Newcomer, Philpoti (President-1st Semester), Meier (Secretary-1st Semester), Sessen, Gerdes, Ellison, Clippard. SECOND ROW: Barclay, Wildt, Smith, Thompson, Carriere, Cruse, Britton, Crow,

Williams, Land, Murray. THIRD ROW: Crowe, O'Donnell, Sehl, Purmort, Toedtman, Sunkel, Bryant, Brown, Gorman, Ledbetter. FOURTH ROW: Rabenau, Wehmeyer, Schellman, Pohlig, Schaffart, Clark, Saviadasan, Hamm, Klein.



PI TAU SIGMA



Chapter President Williams at initiation banquet.



Professor Schowalter congratulates new members.

Pi Tau Sigma, an honorary mechanical engineering fraternity, was chartered on the Missouri School of Mines campus on April 16, 1955. Members are selected on the basis of engineering ability, scholarship, and personality, and are from the top one-third of the senior class or top one-fourth of the junior class. The object of the fraternity is to foster the high ideals of the engineering profession.

FIRST ROW, LEFT TO RIGHT: Barclay, Grisham, Wildt, Murray (Vice-President), Rabenau (Recording Secretary), Williams (President), Klein (Corresponding Secretary), Holmes (Treasurer), Goodman. SECOND ROW: Wagner, Flanigan (Faculty Advisor), Lambie,

Schmitz, Hamilton, Walthall, Morris, Philpott. THIRD ROW: Heinzen, Crede, Schaffart, Holt, Brooks, Brown, Robertson, Pappert. FOURTH ROW: Buescher, Schwaller, Pohlig, Schellman, Hamm, Wilson, Palm.



ARS



ARS keeps the future in mind.



President Weaver at business meeting.

Rocketry and jet propulsion, fields of utmost importance in this century, are the basic areas of interest for the members of the American Rocket Society. The ARS is the leading professional organization concerned with the problems of propulsion, instrumentation, guidance, materials, astrophysics, and related fields.

FIRST ROW, LEFT TO RIGHT: Spencer, Huber (Treasurer), Carriere (Secretary), Hoffman, Weaver (President), Maughn (Vice-President), Hoffmeister. SECOND ROW: Barth, Brauer, Baugher,

Sullivan, Robertson, Mendel. THIRD ROW: Dickson, Riley, Stirrat, McCane, Richards (Advisor).





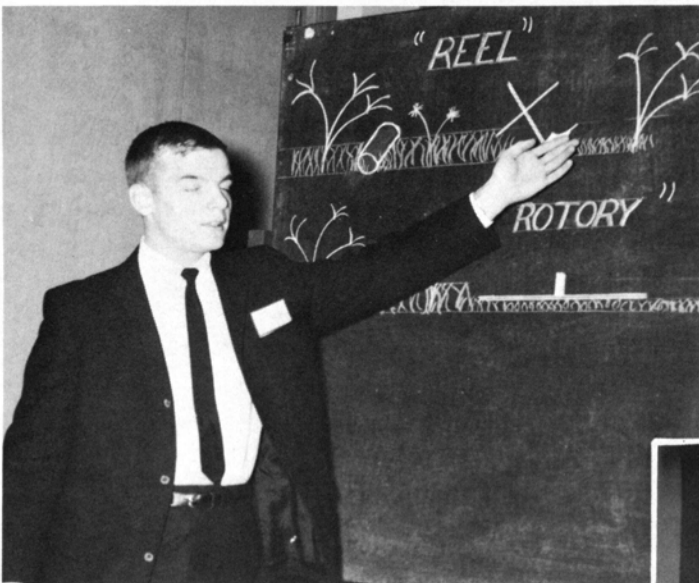
FIRST ROW, LEFT TO RIGHT: Holland, Carriere, Buescher, Crede, Gerdes, Ellison, Clippard (President), Turner (Treasurer), Sessen, Philpott, Newcombe, Ramming, Spencer. SECOND ROW: Moore, Higbee, Giger, McCane, Heinzen, Schmitz, Ladimir, Brune, Holmes, Wildt, Hodge, Morris, Harvey. THIRD ROW: Sunkel, Bryant, Ryser, Townsend, Hinz, Monroe, Mueller, Brown, Clark, Palm, Brooks,

Schmidt. FOURTH ROW: Thompson, Bailey, Schweller, Crowe, Dillion, Sehl, Cleve, Fink, Good, Carter, Bugg, Cassimatis. FIFTH ROW: Purmort, Schellman, Westenberg, Gasparovic, Dennis, Matthes, O'Connell, Bailey, Toedtman, Friedrich, Clamors, McKinnis, Fricke.

SAE

The goal of the Society of Automotive Engineers is to help the student develop character and leadership while keeping its members well informed on the latest advancements and developments in design, production, operation, and maintenance of automobiles and aircraft. Industrial field trips, the annual automobile safety check, the annual student papers contest, and presentations from prominent industrial representatives combine to help promote objectives.

The MSM chapter of SAE is the largest student chapter in the nation.



Student demonstration.



Professor Baumgartner receives recognition.



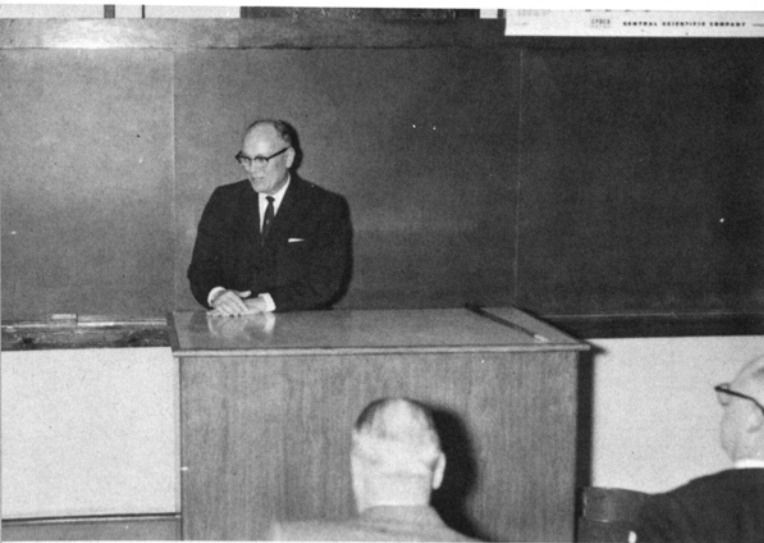
FIRST ROW, LEFT TO RIGHT: Campbell, Simmons, Martin, Shalton (Vice-President), Sharp (Secretary-Treasurer), Moxham, Ferrill. SECOND ROW: Chronister, Clark, Malmgren, Becker, Nolan,

Zunkel, Ferguson, Shodhan. THIRD ROW: Gerhardt, Consoletti, Wood, Ricketts, Leslie, Parkinson, Malone, Machmeier.

AFS

During its fifteen years on the MSM campus, AFS has enjoyed a remarkable growth. Today, this chapter is the largest student chapter in the United States.

In attempting to advance metal-casting techniques, AFS employs the use of lectures and social activities. A field trip to St. Louis, with a visit to two foundries, helps to strengthen the ties between the foundry and the student. This, plus an annual summer outing attended by both faculty and students, are but two of the many opportunities offered by membership in AFS.



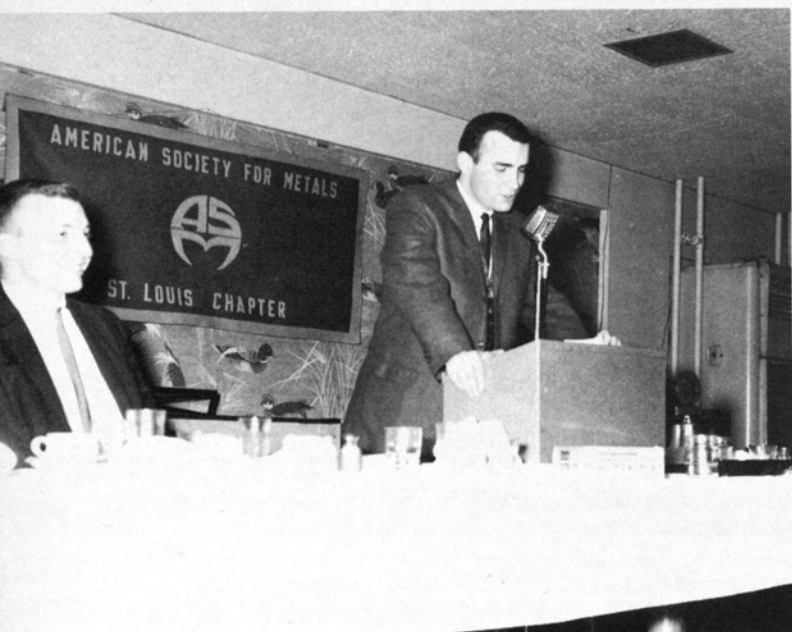
Speaker at monthly meeting.



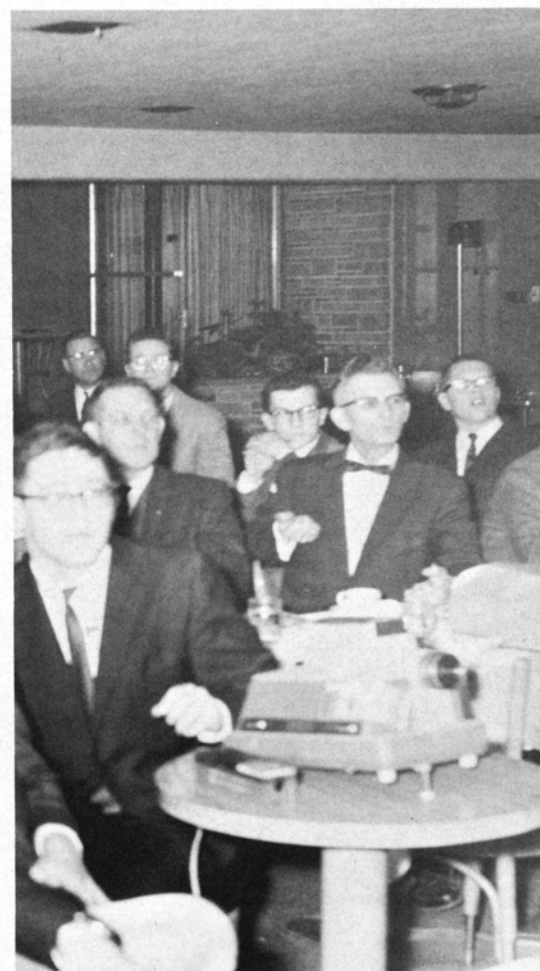
AFS officers Donis, Dryer, and Sharp.

ASM

The American Society for Metals is the major professional metallurgical society in America today. The MSM chapter of the ASM supplements the formal education of the student of metallurgy with various outside activities that include guest speeches, movies, and field trips.



Joint meeting with St. Louis section.



New developments shown by slides.

FIRST ROW, LEFT TO RIGHT: Zunkel, Varady, Simmons, Ferguson, Schmidt (Vice-President), Nolan (President), Shalton (Treasurer), Gerhardt (Secretary), Moxham, Shodhan, Ferrill. SECOND ROW:

Leamy, Sedeora, Chronister. THIRD ROW: Thomas, Fournellé, Clark, Brauer, Malmgren, Parkinson, Kasten, Wood, Ricketts, Dagley, Burchill. FOURTH ROW: Roth, Pekowski, Consoletti, Becker, Dreyer, Sharp, Machmeier, Fingado, Hamilton, Blume.





FIRST ROW, LEFT TO RIGHT: Dagley, Zunkel, Arnold (Secretary), Shalton (President), Fournelle (Vice-President), Simmons,

Martin. SECOND ROW: Clark, Becker, Malmgren, Koester, Leamy.

ALPHA SIGMA MU

Missouri's Alpha chapter of Alpha Sigma Mu conforms with the original purposes of the fraternity: the furtherance of the arts and science of metals; the promotion and recognition of scholarship, professional attainment, and the high social and moral culture of its members; the maintenance of the high and best objects of the profession; and the furtherance of free relations among schools and colleges of metallurgy throughout the nation.

New initiates.



Clint Clark speaks at banquet.



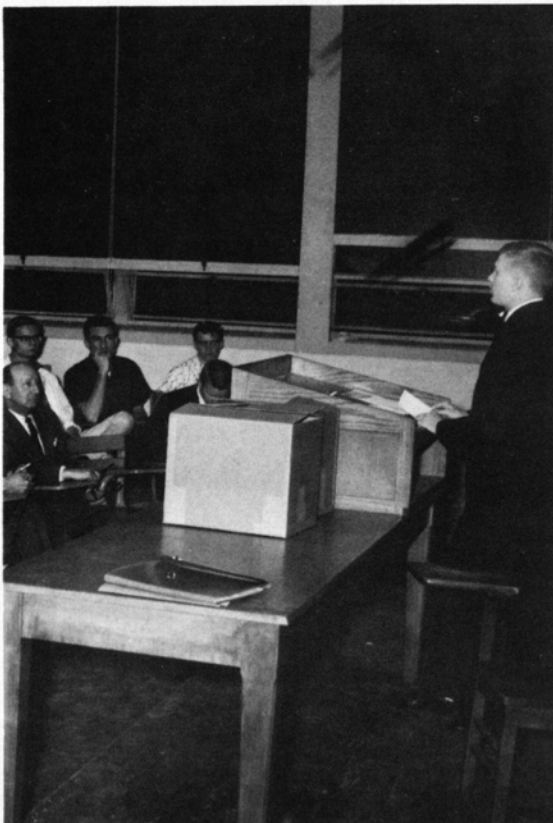


FIRST ROW, LEFT TO RIGHT: Davis (Treasurer-Mining), Reyburn (Vice-President-Mining), King (Vice-President-Petr.), Kinney (Treasurer-Petr.), Fore (Vice-President), Pappas (Treasurer), Machmeier, Brown, Burchill (Secretary-Met.), Dagley (Treasurer-Met.), Gerhardt, Schaefer. SECOND ROW: Roth, Bailey, Chronister,

Nelson, Wille, Michel, Frisbie, Klanderud, Van, Punto, Ferguson, Thomas. THIRD ROW: Blume, Crafton, Kasten, Pekowski, Wood, Varady, Picketts, Smith, Hamilton, Shodhan, Witmer, Peacock. FOURTH ROW: Wilson, Schmidt, Collins, Consoletti, Brauer, Bradley, Parkinson, Jensen, Schoep, Fingado, Thieme.

AIME

Joint meeting of ASME and AIME.



The purpose of the American Institute of Mining, Petroleum, and Metallurgical Engineers is to bridge the gap between the student in his studies and the professional engineer. This is accomplished by having guest speakers from industry and by taking field trips. Talks in the past year ranged from fishing-tool operations to the Moho project.

Mr. Foxx, AIME National President, presenting "Oldtimers Club" Award to Walter Mueller.





Dr. Clark gives the explanation.

SIGMA GAMMA EPSILON

Students of the earth sciences, petroleum engineering, mining, ceramics, metallurgy, and geology are united in the honorary society of Sigma Gamma Epsilon. The primary objectives of the society are the scholastic and scientific advancement of its members, and the extension of friendly relations between schools devoted to the earth sciences.



Monthly business meeting.

FIRST ROW, LEFT TO RIGHT: Kinney, Lamber, Malone, Bascue (President), Robison (Vice-President), Libiez (Secretary-Treasurer), Martin. SECOND ROW: Schaefer, Riad, Modde, Davis, Parker,

Kadwell, DelPrete, Van. THIRD ROW: Leamy, Planje, Jensen, Hassan, Machmeier, Murphy.



AMERICAN INSTITUTE OF PHYSICS



A new but strong organization.



AIP officers.

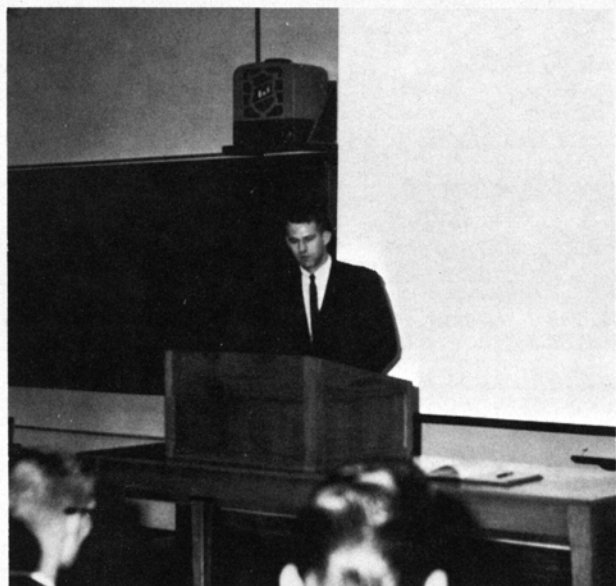
The purpose of AIP is to promote interest in the various fields of physics. In its second year on the campus, the AIP has stimulated this interest by monthly meetings and group activities. Speakers from on and off campus, as well as movies present a variation of topics of interest to every member.

FIRST ROW, LEFT TO RIGHT: Oglesbee, Gum, Michel, Haymes, Tuttle (Secretary), Baugher, Nickless, Hedden, Smith. SECOND ROW: Johnson, Langton, Vardman, Buecher, Schneider, Rein-

heimer, Wolfe, Holkenbrink. THIRD ROW: Roth, Umphrey, Hudson, Reichert, Steinbruegge, Madding.



SIGMA PI SIGMA



Informative projects analyzed.



Graduate students a great help.

Founded at Davidson College, Sigma Pi Sigma, the national physics honor society, now has 107 active chapters in colleges and universities throughout the country.

Sigma Pi Sigma's major function is to honor the best students in physics by electing them to membership. By sponsoring programs and various service projects, Sigma Pi Sigma also renders a service to the campus.

FIRST ROW, LEFT TO RIGHT McHugh, Roth, Schoonover (Secretary), Morris (Vice-President), Johnson (President), Oglesbee (Treasurer), Hedden, Hamilton, Nickless. SECOND ROW:

Mathews, Stangel, Vardiman, Hanum, Gum, Buecher, Smith, Holkenbrink, Madding. THIRD ROW: Langton, Umphrey, Austin, Carnes, Hudson, Steinbruegge, Tuttle, Reinheimer, Wolfe, Bosnak.





FIRST ROW, LEFT TO RIGHT: Planje, Ainsworth, Parker (President), Modde (Treasurer), Abernathy. SECOND ROW: Steinkamp, Moore, Schwaller.

KERAMOS

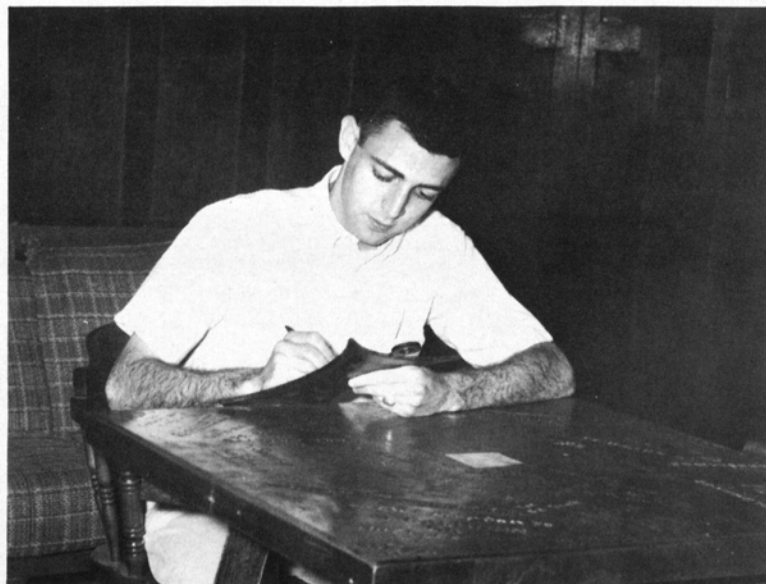
In July of 1947, the Keramos, a national professional fraternity open to outstanding students in ceramic engineering, technology, and science was established on the MSM campus. Since then, the organization has been promoting scholarship, stimulating mental development, and developing interests in the professional aspects of ceramic engineering.

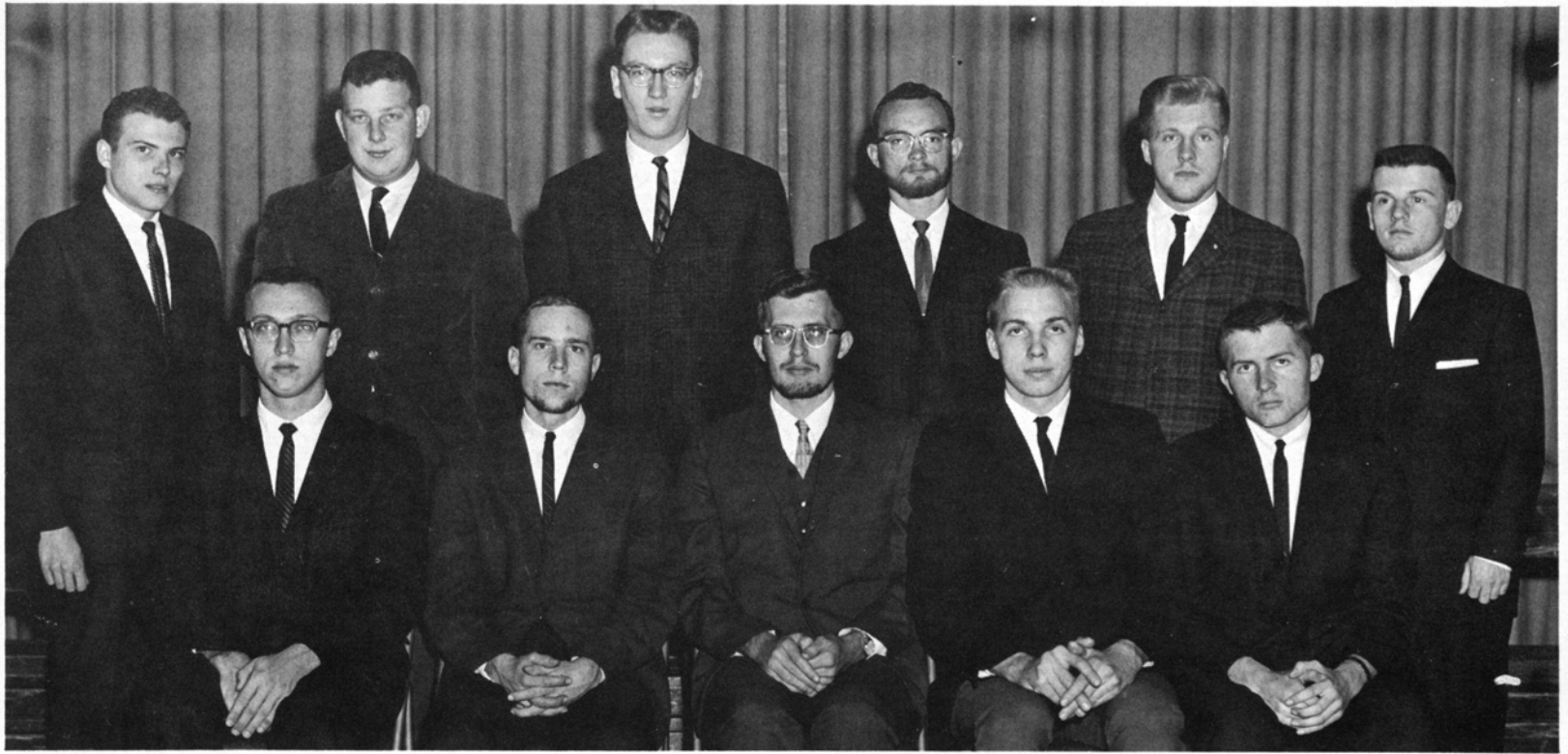
The student members of the organization are chosen on the basis of their record of scholarship, character, and promise of success in the ceramic field.



Snajdr, Modde, and Parker.

President Parker signing future members plaque.

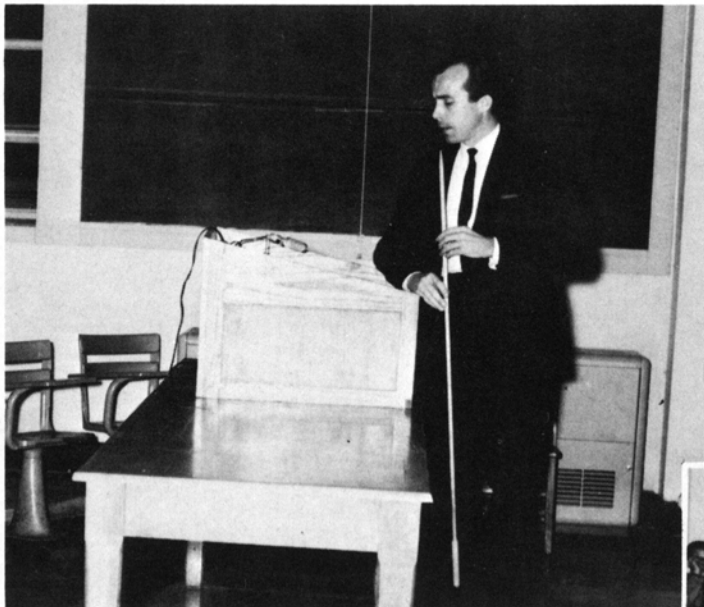




FIRST ROW, LEFT TO RIGHT: Townsend, Bradley, Jensen (Secretary-Treasurer), Peacock, Libicz. SECOND ROW: Lamber, Smith, Thieme, Foss, Klauser, Newlin.

C.L. DAKE SOCIETY

The C. L. Dake Geological Society was organized in 1950. The Society is named in honor of Dr. Charles Lawrence Dake, former professor and chairman of the Geology department. The members are students from all curricula who share a common interest in geological sciences. The activities of the society include having guest speakers, field trips, and instructional movies.



Douglas Nash, National Aeronautics Space Administration, speaks on lunar Geology.

Geological sciences main interest of Dake Society.

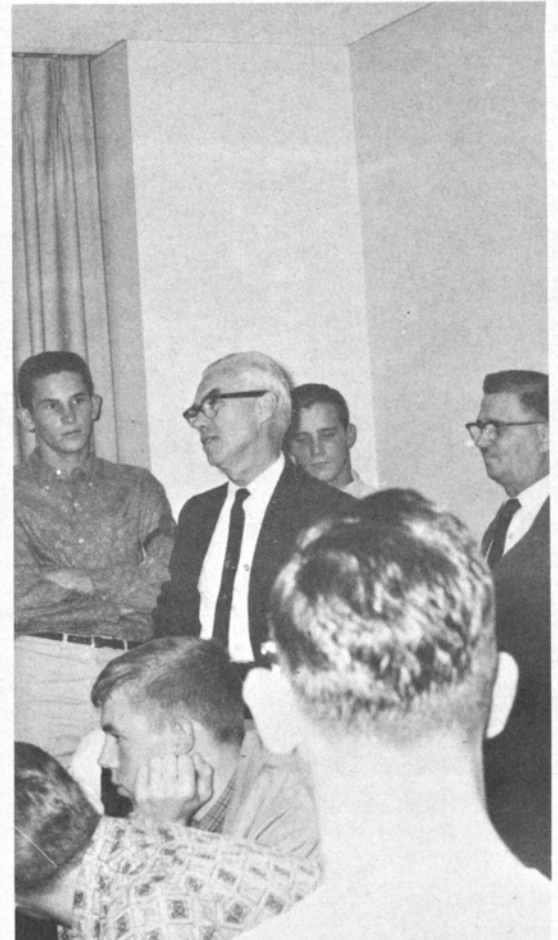


ALPHA PHI OMEGA

The Beta Omicron chapter of Alpha Phi Omega consists of students who, at some time, were active in scouting and who have average scholarship or better. The purpose of Alpha Phi Omega is to assemble college men in the Scout Oath and Law, to develop friendship, and to promote service to humanity.



Faculty advisor Eshbaugh, Dave Hemmel, and national secretary Scanlon.



National secretary Scanlon at local meeting.

FIRST ROW, LEFT TO RIGHT: Williams (Sergeant-at-Arms), Littlefield, Koch, Ricketts (Corres. Secretary), Martin (Secretary), Schellman, (President), Eshbaugh (Faculty Advisor), Lasker (Vice-President), Zunkel (Treasurer), Schmidt (Vice-President), Norfleet, Pfeuffer, Ferguson. SECOND ROW: Shippy, Keefe, Bersett, Hayden, Devaney, Meehan, Price, Giger, Scanlan, Thrash, Hamilton, Doll.

THIRD ROW: Hydzik, Reuling, Weinrich, Benitz. FOURTH ROW: Haymes, Bradford, Morris, Hardie, Schneider, Martin, Redington, Woodward, Henry, Barr, Reinke, Feuchter. FIFTH ROW: Cornell, Dagley, Gerhardt, Gildehaus, Hudson, Herrmann, Fogler, Graham, Brunner, Harrison, McCane.





FIRST ROW, LEFT TO RIGHT: Hoelscher, Crede (Alumni Secretary), Ligon (Secretary), Clark (President), Schellman (Vice-President), Million (Recording Secretary), Carriere. SECOND ROW:

Gladysiewicz, Shalton, Parker, Schmidt, Roeder, Ray, Schillinger, Burchill. THIRD ROW: Sutherland, O'Brien, Pohlig, Miller, Jester, Neubauer, Cox, Zunkel.

BLUE KEY

Blue Key National Honor Fraternity was founded at the University of Florida in 1924. The MSM chapter was established on March 23, 1933.

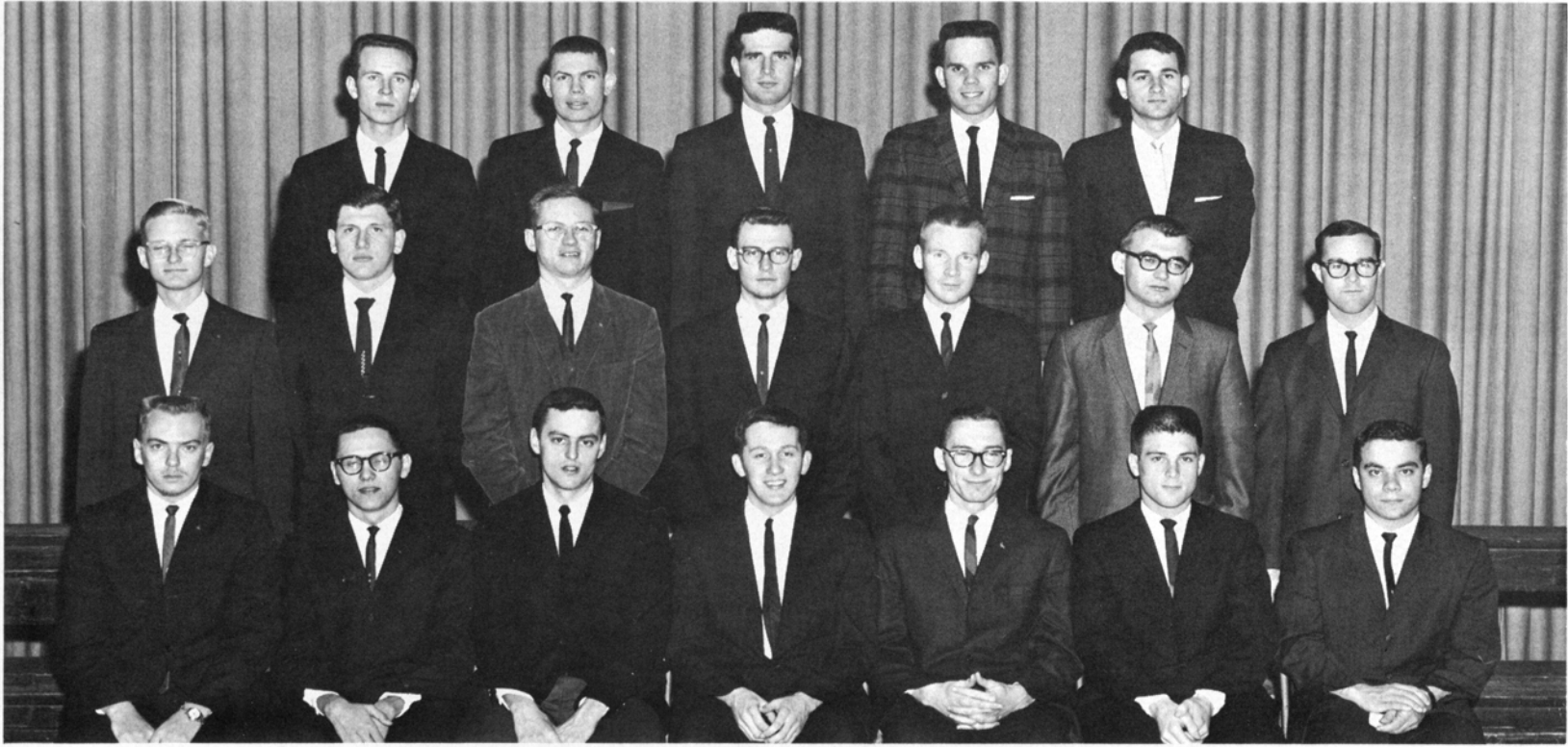
Blue Key, whose membership includes many campus leaders, has as its aim, service to the school and to the student body. Blue Key fulfills its motto, "Serving I Live," by publishing a student directory each year and by providing guides for school functions such as Parent's Day and Homecoming. Blue Key chooses new members on the basis of character, scholarship, student activity, and service.

Student directory published by Blue Key.



Hemmel and Dean Ponder discuss projects.





FIRST ROW, LEFT TO RIGHT: Komo, Shalton, Clark, Baremore, Bosnak, Brown, Stemler. SECOND ROW: Johnson, Hall, Sutherland,

Hamilton, Fournelle, Denzel, Alexander. THIRD ROW: Koester, Porter, Thurman, Everswick, Knox.

PHI KAPPA PHI

Professor Eppelsheimer at Phi Kappa Pi banquet.



Phi Kappa Phi is a national scholastic honor society whose main objective is to give recognition and encouragement to superior scholarship by recognizing those who are in the upper ten percent of the senior class and those who are in the upper five percent of the junior class. A certificate is awarded, in the form of a Book Plate, to each student who has maintained a grade point of 3.00 or better for an academic year.

University President Ellis honored.





Alumni banquet.

TAU BETA PI

The Tau Beta Pi Association was founded at Lehigh University in 1885 with the specific purpose of recognizing those of distinguished scholarship and exemplary character in the field of engineering. The local chapter, Missouri Beta, was organized in 1906 and, since its beginning, has been the goal of all conscientious engineering students. Members are chosen from the upper one fifth of the senior class and from the upper one eighth of the junior class only after extensive testing by the society.

FIRST ROW, LEFT TO RIGHT: McHugh (Recording Secretary), Shalton, Baremore, Baker, Denzel, Hamilton (Corresponding Secretary), Daniels (President), Stemler, Rommelman, Gruber, Roth. SECOND ROW: Hollaway, Komo, Vogelpohl, Bosnak, Sutherland, Robbins, Fournelle, Alexander, Clippard, McKee. THIRD ROW:



Prospective member smoker.

Fritsch, Gastineau, Brunjes. FOURTH ROW: Murray (Vice-President), Nodland, Koester, Blumenberg, Lyons, Thurman, O'Brien, Winter, Knox, Jester, Shermer. FIFTH ROW: Hartung, McCrary, Diemer, McPheeters, Miller, Rintoul, Robison, Jensen, Bell, Klein, Zeitzmann.



THETA TAU



Campus leaders talk things over.



Lonnie Shalton presents money from Ugly Man Contest to March of Dimes Representative.

Theta Tau is a national professional engineering fraternity. Theta Tau's main objective is to help the engineer master the principles and problems of his profession. A secondary function of Theta Tau is to organize not only the professional life of the engineer, but also his social life. Several of the activities of Iota chapter include the publishing of the school calendar and the sponsoring of the "Ugly Man" contest, the proceeds of which are donated to the March of Dimes.

FIRST ROW. LEFT TO RIGHT: Capek (Advisor), Daniels (Inner Guard), Crede (Outer Guard), O'Bryant (Corresponding Secretary), Roeder (Scribe), Pohlig (President), Bailey (Vice-President), Burchill (Marshall), Million (Treasurer), Bryan, Marshall. SECOND ROW:

Sieckhaus, Williams, Gardner, Zunkel, Delmain, Kamp, VanBuren, Ray, Hoelscher, Carriere, Killoran, Gładysiewicz, Shalton. THIRD ROW: Allison, Minton, Weaver, Dreyer, Terry, Jester, Schellman, Scheer, Ricketts, Neubauer, McHugh, Benz, Bogard, Robertson, Told.



ST. PAT'S BOARD



Rog Fanetti entertains queen candidate.



President Becker and secretary Koenig.

The St. Pat's Board formed in 1903, is one of the most active organizations on the campus. The St. Pat's Board consists of two members from each fraternity and six men from the independent organizations.

The Board is appointed each year to make all of the arrangements for the annual celebration which pays homage to the Patron Saint of Engineering, St. Patrick.

FIRST ROW, LEFT TO RIGHT: Fanetti, Lasker, Rutledge, Pohlrig (Treasurer), Koenig (Secretary), Crede (Vice-President), Becker (President), Ditto, McGrath, Burchill, Told. SECOND ROW: Stemler, Halbach, Meehan, Henson, Welch, Bacich, Buescher,

Mugaverd, Bryan, Loth, Lohmann, Kotys. THIRD ROW: Smith, Allison, Gilmartin, Herrmann, Ferrell, Bailey, Scheer, Lyons, Meyers, Jenkins, Steeno.





FIRST ROW, LEFT TO RIGHT: Brown, Kettler, Meehan, Marshall, Reeder (Secretary), Wilson (Treasurer), O'Brien (Vice-President), Clark (President), Abrams, Jung, Jalbert, Brunjes, Cope. SECOND ROW: Gardner, Gladysiewicz, Martin, Kamman, Herbst, Balcer,

Perl, Townsend, Steib, Leamy, Meier, Aubrecht, Silipo, Burchill, Campbell. THIRD ROW: Layton, Peirson, Alonge, Suetterlin, Miller, Murry, Herzog, Herzog, Niemeier, Henson, Neubauer, Benz, Gil-martin, Koch, Callisto.

STUDENT COUNCIL

The object of the Student Council is to represent the student body in its relations with the faculty and the administrative officers of the school, and to correlate and regulate student activities. Membership on the council is equally divided between fraternities and independent organizations. The council strives to promote such activities as may intensify school spirit and bring honor to the school.



Officers Reeder, Marshall, O'Brien, and Clark.



Nativity scene erected by Student Council.



FIRST ROW, LEFT TO RIGHT: Kettler (Treasurer), Gardner (Secretary), Bogard (President), Daniels, Sutherland (Vice-President).
SECOND ROW: Martin, Kamman, Meyer, Jung, Hayden.

STUDENT UNION BOARD

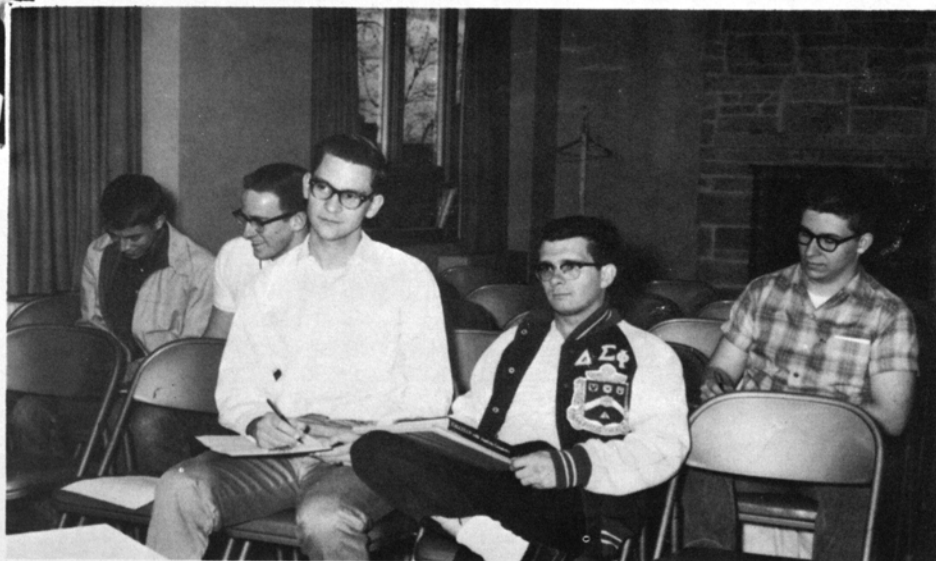
The Student Union Board, newly reorganized, consists of nine members who handle the administration and planning of all affairs in conjunction with the Student Union.

The Board sponsors and organizes a great number of activities, all designed with the desires of the student in mind, all-school mixers, departmental mixers, Homecoming activities, games and tournaments, and a regular series of film classics. In addition, it provides for the general improvement of the Student facilities and programs.



Student Union sponsors Homecoming Queen contest.

Committee Meetings important to overall structure.

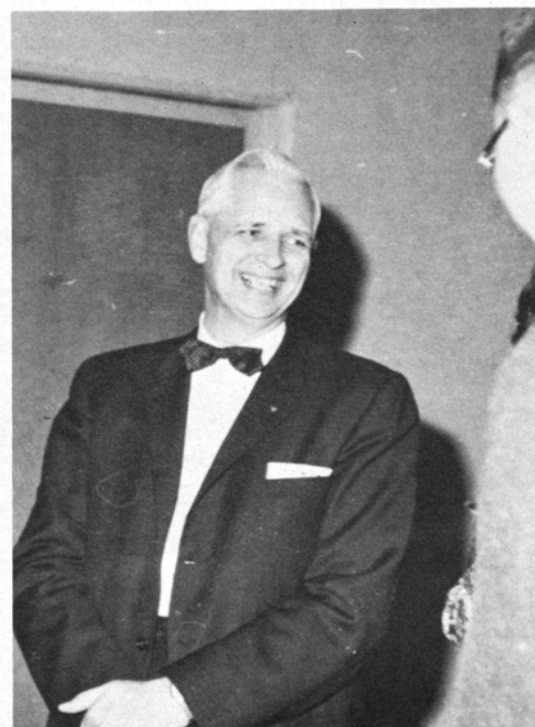


GLEE CLUB

The Missouri School of Mines Glee Club is a campus wide singing group, open to all students. Meeting twice a week, the group sings a varied program of glee club and choral music.



Song session in the making.



Glee Club director, Professor Brewer.

THIRD ROW, LEFT TO RIGHT: McLain, Ambrose, Kastel, Morhaus, Gross, Scott, VonRauner, Kamman, Yamnitz, Bender, Latham, Dickinson, Wehmeyer. SECOND ROW: Thomes, Ponnwitz, Petry, Lochner, Kramer, Myers, Buntaine, Weber, Thurman,

Thomas, Beger. FIRST ROW: Sifers, Rosemann, Hays, Brewer (Director), Stine (Secretary), Robison (President), Meyer (Treasurer), Wade, Meehan, Suetterlin, Miller.





MSM ROTC Concert Band, David L. Oakley Director

MSM BAND

MSM-ROTC Bands have completed their third year under the direction of David L. Oakley, the School's first full time band director. Large units include military, football and concert bands. Smaller groups include dance bands and brass and woodwind choirs. The band program is sponsored by the School and the Department of Military Science.

Concert Band on tour.



"Drumming" up some trouble!





FIRST ROW, LEFT TO RIGHT: Roberts, Watson, Painter (President), Hull (Secretary), Strain. SECOND ROW: Myers, Strebler, Salof, Salof, Shoop.

PHOTO CLUB

New techniques brought forth in meetings.



The MSM Photo Club is a fairly new, but increasingly popular group of students interested in the latest photo techniques and developments. New equipment is displayed at the regularly scheduled meetings, and the related principles are then discussed. Membership is open to all students.

Photo Club officers.

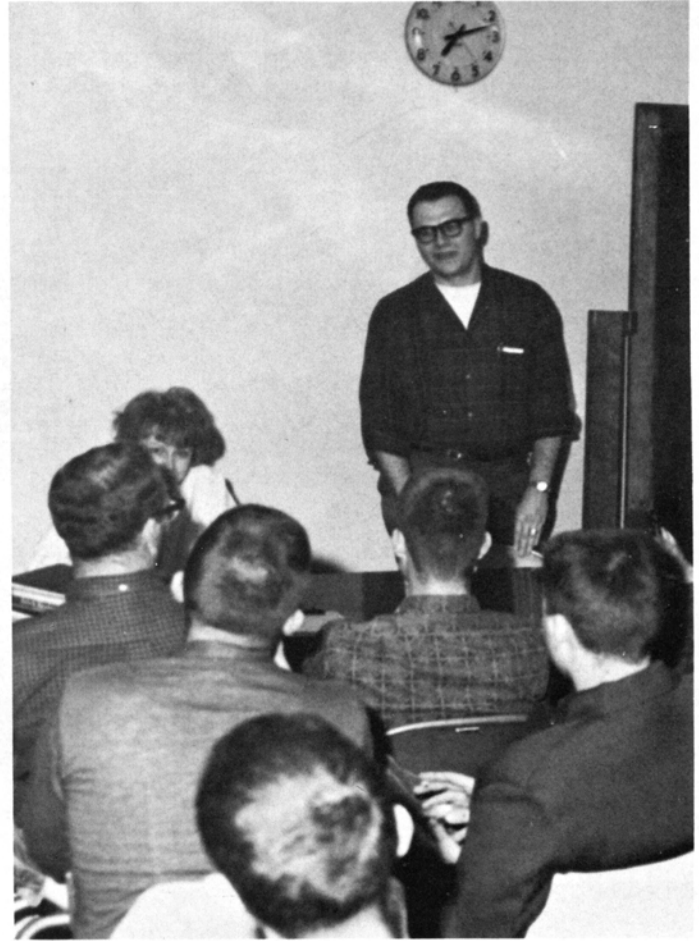




The "hams" get together.

RADIO CLUB

The Radio Club is a scientific organization which helps stimulate the interest and ideas of those interested in amateur radio. Providing a bond among those students interested in radio technique and technical investigations, the club proves to be an asset to both the students and the school. Obtaining personal skill in electronics and communicating with other students and citizens are both functions of WØEEE.



President Vogel entertains questions.

FIRST ROW, LEFT TO RIGHT: Hughes, Grantham, Utterback, Nau (Advisor), Raffel (Vice-President), Vogel (President), Thompson (Secretary), Thomas (Treasurer), Mohr (Chairman). SECOND ROW:

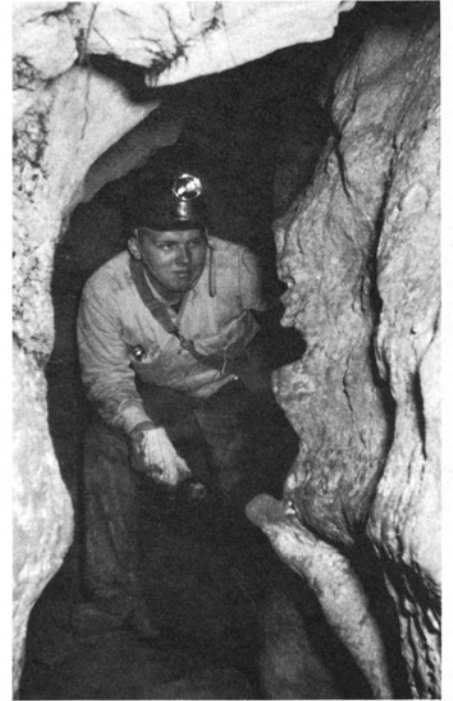
Bowles, Strain, Watson, Scheer, Ovca, Kreisel, Alvarez, Lytle, Gossett, Blanco. THIRD ROW: Strain, Weis, Weise, Brosnahan, Bowles, McMahan, O'Neill, Pottinger, Erpelding, Woirhaye.



SPELUNKERS



Spelunkers practice climbs and descents.



Weekend caving expedition.

The MSM Spelunkers Club is the oldest cave-exploring club in Missouri. The purpose of the Club is to help bring together students who are interested in the exploration of caves.

Cave conservation is stressed as the Club works in cooperation with the Missouri Speleological Survey on cave mapping and exchanging speleological information.

THIRD ROW, LEFT TO RIGHT: Witmer, Wheeler, Beasley, Baugher, Dickinson, Hallock, Nesslage, McCliney, Adams, Williams.
SECOND ROW: Stine, Odendahl, Schiesser, Scaggs, Zaun, Strain,

Hardy, Strain, Dunn. FIRST ROW: Stricker, Greer, Nickless, Raber, Degenhardt (President), Hebrank (Vice-President), Foss (Secretary-Treasurer), Sweet, Hoffman.



PERSHING RIFLES



Members also get classroom instruction.



Company K, "at ease."

The Pershing Rifles is a national honorary military fraternity dedicated to the furthering of military principles and ideals among its members. Among its many activities are a mock battle between actives and pledges, providing numerous honor guards, and attending a variety of drill and rifle meets.

FIRST ROW, LEFT TO RIGHT: Harpole, Price, Renaud, McMahon, Gonzalez (Drill Master), Goodman (Captain), Rusch, Schwieger, Thomas. SECOND ROW: Cummins, Giger, Varsel, Brooks, Pedersen, Franklin, Heibein, Holmes, Bingham, McDuff (First Sergeant).

THIRD ROW: Throgmorton, Moss, Callen, Lindenlaub, Holtgreve, Massey, Gordon, Taylor, Smart. FOURTH ROW: Perez, Hayes, Mosley, Heillman, Anderson, Dilthey, Redington, Turner, Radkiewicz.



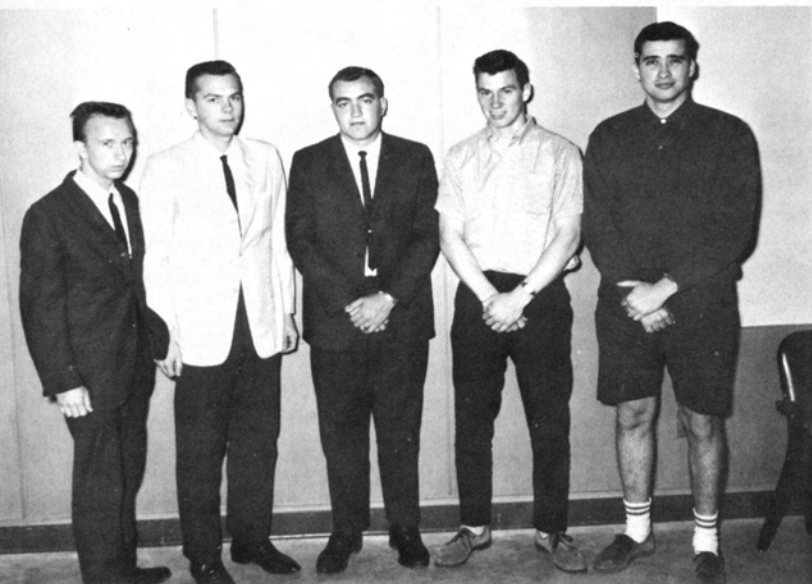


FIRST ROW, LEFT TO RIGHT: Britton, Scheer, Perl (Treasurer), Zunkel (Vice-President), Henson (President), Fisher (Secretary), Fisher, LaPlante, DeMay. SECOND ROW: Pfeuffer, Mittler, Sullivan,

Moss, Lindenlaub, Hollander, Roberts, Stine. THIRD ROW: Barr, Harpole, Lauletta, Leslie, Rancilio, Spurgeon, Otto, Topolse.

SAME

The Society of American Military Engineers draws together those students who have in the military aspects of engineering. Civilian and military engineers speak at monthly meetings to give the interested student a candid view of the many phases of engineering and engineering applications. Membership in the SAME is open to all students.



Group for panel discussion.

SAME strongly supported.





FIRST ROW, LEFT TO RIGHT: Reeder, Warren, Henson, LaPlante, King, Goodman, Rusch. SECOND ROW: Renaud, Teis, Martin,

Price, Berrisford, Fisher. THIRD ROW: Lindenlaub, Heibein, McMay, House, Gordon.

MILITARY BALL BOARD

The main function of the military ball board is to see that all phases of the annual military ball operate smoothly and efficiently. The board operates of its own budget from funds obtained from previous military balls. The board makes all arrangements for decorations and bands, and interviews and selects the ball queen. Any student may hold membership on the board.



Queen candidates being interviewed.



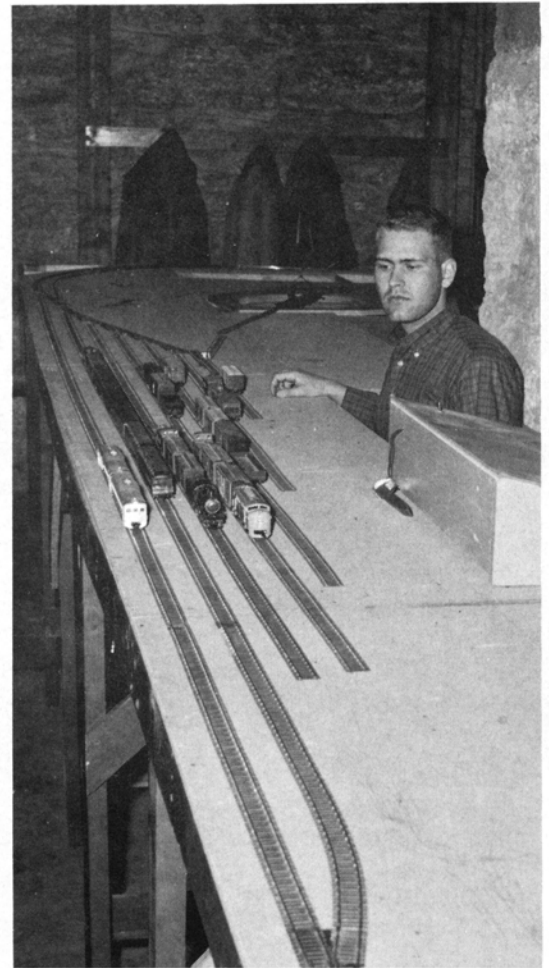
Board meeting.

MODEL RAILROAD CLUB

The MSM Model Railroad Club is an organization of thirty members who operate two large HO gauge railroad layouts. The purpose has been to develop and perfect the facets of model railroading. Several field trips are made during the year to obtain ideas for modeling and to learn more about prototype railroading.



Featherbedding on the mainline.



Side-track operation.

FIRST ROW, LEFT TO RIGHT: Michel (Treasurer), Thom (President), Hughes (Vice-President). SECOND ROW: Blanco, Crafton, Huckaba.





FIRST ROW, LEFT TO RIGHT: Kiefer, McCracken, Brown, Rydberg, Kadwell, Bacich (Secretary), Ombalski (President), Bailey, Smith, Couse, Osick. SECOND ROW: Collins, Hoover, Gasparovic,

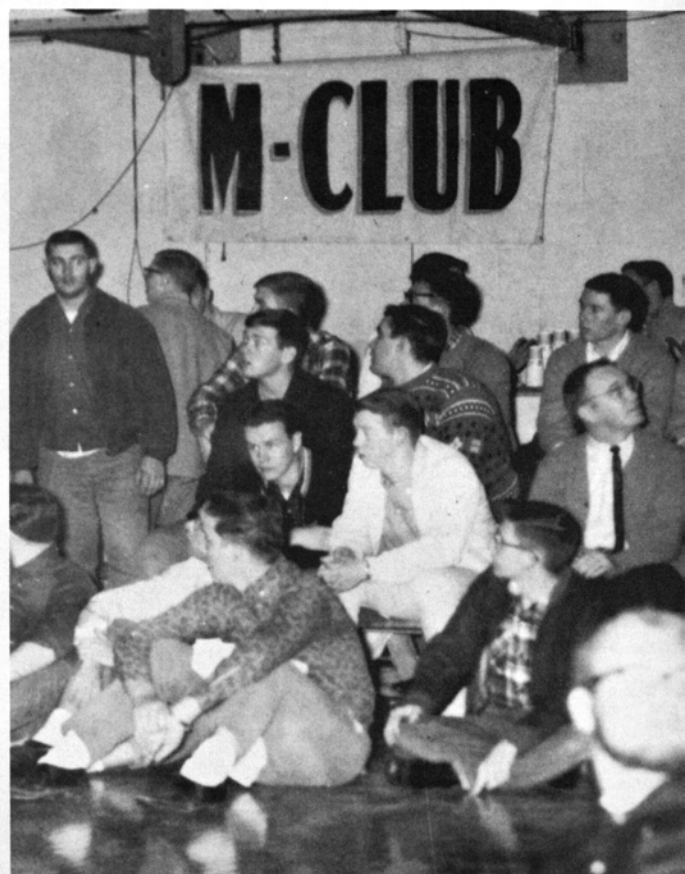
Turner, Turner, Jones, Steib, King, Russell, Buecher, Leamy, Tharp, Leone. THIRD ROW: Green, Kulhan, Keiser, Jatcko, Brandt, Reichert, Mitchell, Wiegand, Wargo, Woodfield, Murrell.

"M" CLUB

The M-Club was established at MSM in 1939 with the purposes to promote sportsmanship, encourage participation in varsity athletics, recognize athletic achievement, and lend help to spectators, players, and officials at MSM varsity contests.

M-Club refreshment stand at various intramural and collegiate sports.

All varsity lettermen eligible for M-Club.





FIRST ROW, LEFT TO RIGHT: Utterback, Leicht, Stack (Vice-President), Thompson (President), Coggburn (Secretary-Treasurer), Schmidt, Andoe. SECOND ROW: Lay (Faculty Advisor), Talbot,

Thompson, Hoffman, Bosnak, Burchard, Jennings, Lay. THIRD ROW: Miller, Smith.

SWE

The Society of Women Engineers is a national organization composed of women who are professional engineers and girls who are engineering or science students. Membership is open only to those women majoring in engineering or the physical sciences.

The objectives of the society are to present the needs and ideals of women engineers.

SWE officers — Coggburn, Thompson, and Stack.



SWE banquet.





Dames membership growing.

UNIVERSITY DAMES

The National Association of University Dames was founded at the University of Chicago in 1920. MSM's chapter of Dames was founded on March 12, 1942.

All members are invited to attend interest groups of bridge, sewing, arts and crafts, bowling, pinochle, choral, and drama. These groups are formed to promote friendship, courtesy, and culture among the Dames.

FIRST ROW, LEFT TO RIGHT: Jamieson, Sieckhaus, Schoeninger, DeLong, Hilsenbeck, McClincy (Vice-President), Betts (President), Dunker (Corresponding Secretary), Lee (Asst. Treasurer), Brockmann (Treasurer), Bagley (Recording Secretary), Crockford, Ramsey. **SECOND ROW:** Murray, McCrary, Lina, Oglesbee, Williams,



Ruth Betts, Dames President, conducting business meeting.

Cusumano, Hiatt, Farney, Thomas, Brown, Morgan, Peters, Greer, DeMay, Schuchman, Byington. **THIRD ROW:** Cobb, VanDoren, Pointer, McCullough, Rommelman, Bowman, Brown, Schoonover, Fritsch, Palm, Fink, Nelson, McGhay, Brown.



NEWMAN CLUB



Membership drive highly successful.

FIRST ROW, LEFT TO RIGHT: Sifers, Kruep, Wehmeyer, Gagne, Sagan, Stack, McCane (President), Thompson (Vice-President), Buhr (Treasurer), Lindsay, Reininger, Baumann, Riess. SECOND ROW: Shields, Gunn, Odendahl, Fisher, Schiesser, Malone, Dudenhoeffer, O'Neill, Wilding, Gress, Rojas, Iraola. THIRD ROW: Alonge,



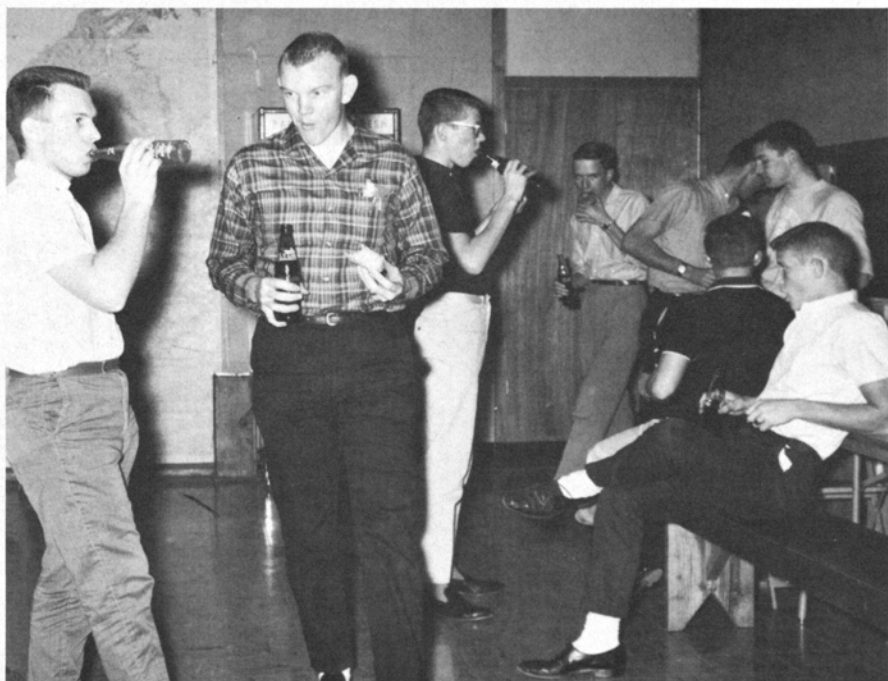
Mick McCane, Newman Club president.

The Newman Club is a national college organization composed of Catholic students. The Club at the Missouri School of Mines, the largest in the Missouri region, is composed of over 200 students.

Stimulation of spiritual, intellectual, and social interests are the key notes to the club activities.

Yorg, Miller, Mueller, Mochel, Mann, Roeseler, Schneider, McFadden, Steib, Pasek, Solis. FOURTH ROW: Wink, Scannell, O'Malley, Kastel, Rosemann, Wolfmeyer, Rancilio, O'Brien, Muller, Peterkorf, Turner, Gorman, Kirn, Erpelding, Thurman.





Refreshments after meeting.

NEWMAN CLUB



Nick Alonge directs a question.



Speaker leads discussion topic.

Officers meet with Father Sullivan.





FIRST ROW, LEFT TO RIGHT: Coffman, Hickenbotham, Haggard (Pastor Advisor), Lasley (President), Tate (Vice-President), Starkweather, Umphrey, Gross (Treasurer), Frazier. SECOND ROW: Howard, Bailey, O'Neal, Price, Strebler, Perez, Johnston, Barks,

Sprague. THIRD ROW: Brady, Martin, Wells, Clarida, Vardiman, Holder, Hutcheson. FOURTH ROW: Mullen, Rymer, Harpole, Miller, Anderson, Jensen, Revelle, Thomas, Pryor.

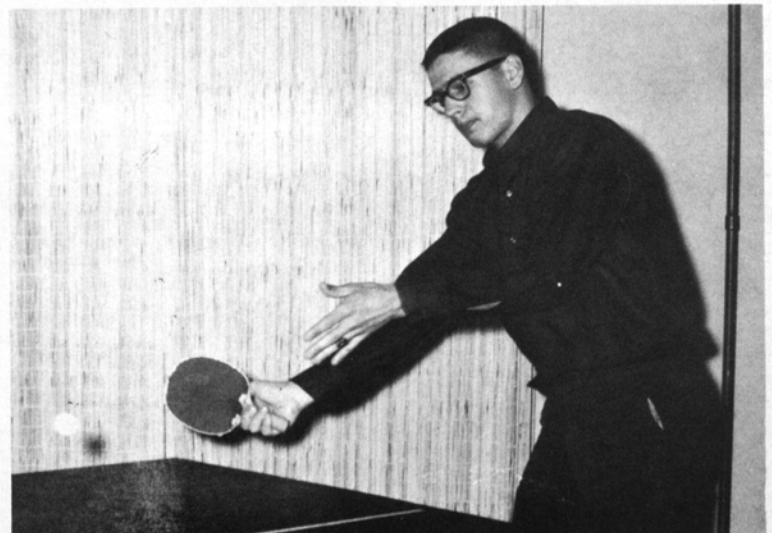
BAPTIST STUDENT UNION

The Baptist Student Union was organized on the M.S.M. campus in 1947 and serves to link the student with the local churches, and to promote fellowship and Christian entertainment among the students. Activities are many and varied. Each year there are conventions and retreats of both state and nation-wide scope for BSUer's. Intramural teams are entered in all major sports. Socials are an important and regular part, whether they are banquets, parties, or just some "goofin' off" around the B.S.U. Center. Devotional activities play a basic part with Vespers, held Monday—Thursday; topics are planned to inspire and challenge.



An organization with strong unity.

A break from the books.





The Baptist Student Center house.



Social functions important.

BAPTIST STUDENT UNION

BSU international banquet.



BSU mixed quartet with Professor Campbell at the piano.



GAMMA DELTA



Gamma Delta has well-rounded schedule.



Initiation ceremony.

Gamma Delta is the International Association of Lutheran college and university students. Gamma Delta is based on two assumptions: that college students should know Christ, and that they should serve Him. In order to serve, Gamma Deltans seek to share Christ with their non-Christian associates through everyday campus contacts.

FIRST ROW, LEFT TO RIGHT: Foss, Seward (Recording Secretary), Freese (President), McCullough (Vice-President), Bennett

(Treasurer). SECOND ROW: Hoffstetter, Brookmann, Robison, Hartman, Weber, Blackwood.





Relaxation after dinner.



Casual evening at Wesley.

WESLEY FOUNDATION

The Wesley Foundation is the "Methodist Church on the college campus." The Wesley Foundation attempts to meet the deepest needs of students through its broad ministry. The individual counseling and group guidance is done by the Director. A TV lounge, a recreation group, programs, and worship are provided at the Wesley Foundation House. Students are challenged to accept and serve Jesus Christ as Lord.

FIRST ROW, LEFT TO RIGHT: Doll, Hudson (Secretary), Petry, Kibbey (Vice-President), Brubaker (President), Dowler, Williams (Editor), Punto, McCauley (Treasurer). SECOND ROW: Holmes,

Boehmer, Salmon, Bowles, Austin, Watson, Mastin, Peery, Tharp, Lytle, Sudduth.





FIRST ROW, LEFT TO RIGHT: Lalwani, Sedeora, Naiyer, Mohajir (Secretary-Treasurer), Chopra (President), Roychoudhari, Patel, Kartari, Bhimani. SECOND ROW: Patel, Sangani, Jogani, Amin, Parikh, Divecha, Sanghavi, Sheth, Soni, Mehta, Sedalia. THIRD

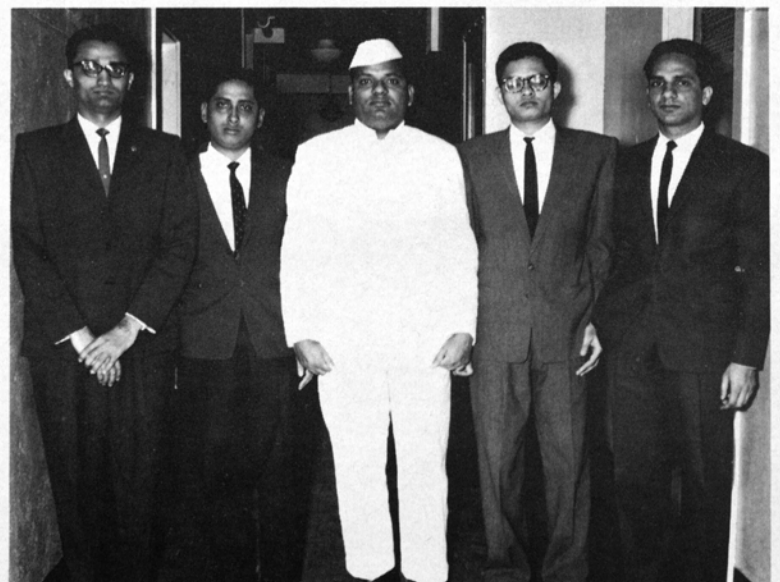
ROW: Nori, Bahrain, Dutta, Parikh, Parikh, Mehta, Shah, Bhatt, Patel, Patel. FOURTH ROW: Patel, Darji, Gujrathi, Shah, Jhala, Bajaj, Shodhan, Parikh, Maskai.

INDIA ASSOCIATION

Since its founding in January of 1961, the India Association has endeavored to foster a firm friendship between the Indian students and their fellow students. The membership of the Association has increased substantially over the past year. Membership in the Association is open to all students and faculty as well as to townspeople.



Rolla's Mayor Northern speaks at association meeting.



India Association officers.

INTERNATIONAL FELLOWSHIP



The International Banquet.

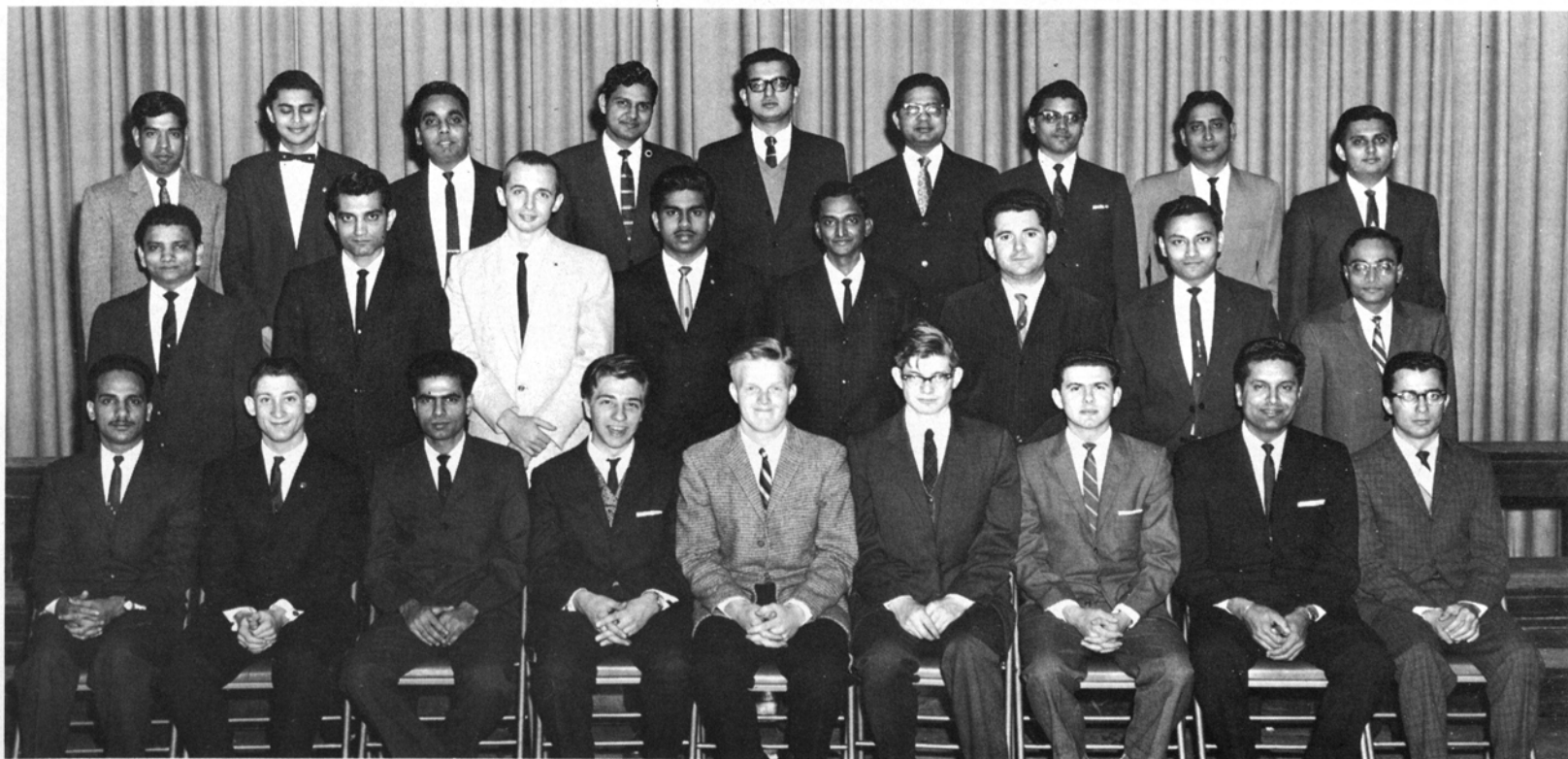


Various foreign delicacies served at banquets.

The principal objectives of the Fellowship are to promote better relations among the students of various countries and to provide for world brotherhood and peace. There are many interesting and colorful activities sponsored by the fellowship, among which are various panel discussions, speeches, and the annual International Banquet.

FIRST ROW, LEFT TO RIGHT: Sedeora, Hand, Naiyer, Durbin (Secretary), Schot (Treasurer), Valentine (President), Solis, Chopra, Punto. SECOND ROW: Sangani, Mohajir, Strebler, Sivadasan,

Sanghavi, Iraola, Bhimani, Patel. THIRD ROW: Lalwani, Mehta, Dinecha, Kartari, Bajaj, Parikh, Sheth, Roychoudhari, Mehta.

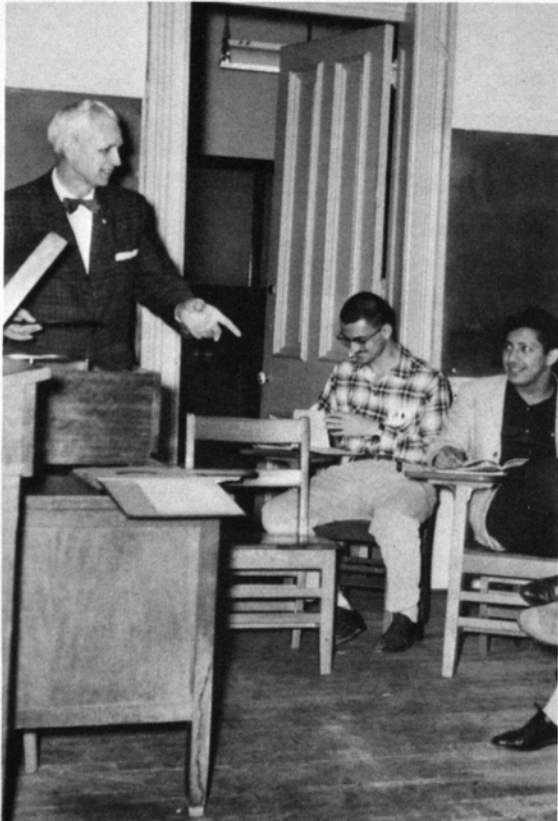




FIRST ROW, LEFT TO RIGHT: Halder, Brewer (Advisor), Wade (President), Valentine (Secretary-Treasurer), Hutchinson. SECOND ROW: Blanco, Strain, Alvarado, Erpelding, Rojas.

ESPERANTO CLUB

Professor Brewer, Faculty Advisor.



One of the more unusual organizations of the MSM campus is Mosamo, the Esperanto Club. Organized in October of 1947, it promotes world communications through a common auxiliary language. The eighth UNESCO Conference claimed Esperanto the most desirable language, and the U.S. Army has adopted Esperanto as the official aggressor language.

Demonstration of Esperanto.





Recreation room a center of enjoyment.

WOMEN'S DORMITORY

For the first time in the history of the Missouri School of Mines and Metallurgy, the campus now has an official women's residence hall. The "girls' dorm" boasted a total of fifteen residents as of September. In the spring the women officially organized the Womens' Residence Organization. The purpose of the organization is to unite and further the interests of the women residing in the hall.

FIRST ROW, LEFT TO RIGHT: Talbot, Utterback, Leicht (President), Himmelsbach (Vice-President), Saval (Secretary-Treasurer),

Hoffman, Smith. SECOND ROW: Modjo, Thompson, Coggburn, Keserovich, Jennings, Van Hook.



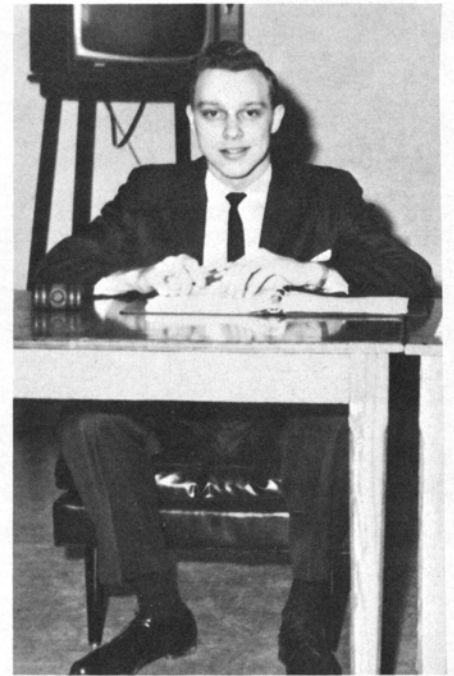
Girls chat with Mrs. Heimburger, the Girls' Dorm Housemother.



MRHA-ALTMAN & FARRAR



Dance Weekend lunch dates in Rayl Hall cafeteria.



Taylor, MRHA president.

The Men's Residence Halls Association of the University of Missouri School of Mines and Metallurgy offers students a rich, well-rounded life on the campus.

The program which has been established includes organized and supervised social activities, democratic self-government, intramural and inter-dorm sports, participation on the staffs of KMFA (MRHA's radio station) and "Dorm Dope" (MRHA's newspaper).

FIRST ROW, LEFT TO RIGHT: Pappas, Marcrauder, Thompson, Stine, Campagna, Jenkins (Vice-President), Taylor (President), O'Neill (Secretary), Hutaurok, Goldbogen, Shelby, Weise. SECOND ROW: Busch, Klein, Gieske, Michel, Haase, Rosenberger, Hunter, Short, Blumfelder, Scheer. THIRD ROW: Cooper, Kruep, Merritt,

Blevins, Estill, Magers, Bugg, Ray, Miller. FOURTH ROW: Glaves, Wolfe, Wolfmeyer, Nitsche, Schoeffel, Muehl, Thames, Sanders, Briesemeister, Matthes. FIFTH ROW: Borowitz, Raglin, McMillen, Iten, Scott, Goldbogen, Tesson, Levin, Anna, Lyons, Morgan.



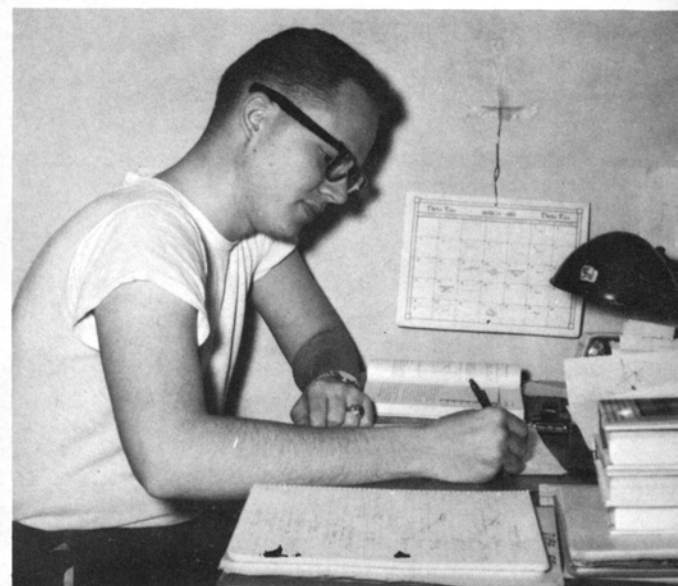


FIRST ROW, LEFT TO RIGHT: Hunnius, Broeking, Busch, Klein, Culbertson, Faintich, Woirhay, Dufek, Cooper, Clark, Rezny, Perkins. SECOND ROW: Barhorst, Devitt, Gagne, Good, Schroeder, Callan, Sweet, Hornberger, Wille, Hill, Savacool. THIRD ROW: Siever, Christen, Lodes, Downing, Brooks, Baumann, Godfrey,

Pryor, Carter, Huckaba, Westenberg, Orr, West, Leonard, Mayer, McMahan, Schmidt, Collins, Gress. FOURTH ROW: Carter, Rakey, Ledford, Crabtree, Hickman, Venker, Fingado, Vest, Ambrose, Wehmeyer, Thompson.

MRHA-ALTMAN & FARRAR

MRHA organizational meeting.



Jerry Kettler studies under excellent conditions provided in residence halls.



FIRST ROW, LEFT TO RIGHT: Shepardson, Holcomb, Roberts (Treasurer), Dickinson, Nordstrom, Keller, Lilley, Cross, Kemper, Darr, Adamick. SECOND ROW: Watkins, Marshall, Obley, Allison, Wheeler, Jung, Johnson, Gross, Picker, Ollie, Hardy, Lytle, Winchester. THIRD ROW: Keymann, Ovca, Stankus, Persky, Hamilton, Cooper, Beger, Varsel, Heal, Barks, Evans, Bowles, Riemann, Witmer, Bording. FOURTH ROW: Ferguson, Shanahan, Larson, Jarrett, Jones,

Pickens, Gipson, Culbertson, Myers, Martin, Long, Lanson, Haubensiser, Barr, Oberkrom, Skyles. FIFTH ROW: Lauletta, Vorst, Paul, Wilding, Close, Peery, McLain, Worts, Whelove, Wegand, Basden, Nill, Greening, Grider, House. SIXTH ROW: Weber, Munn, Shopp, Buchmeier, Mincher, Thom, Fox, Reagan, Petry, Carmack, Miller, Perkins, Pohl, Haubein, Darling.

MRHA - KELLY & McANERNEY

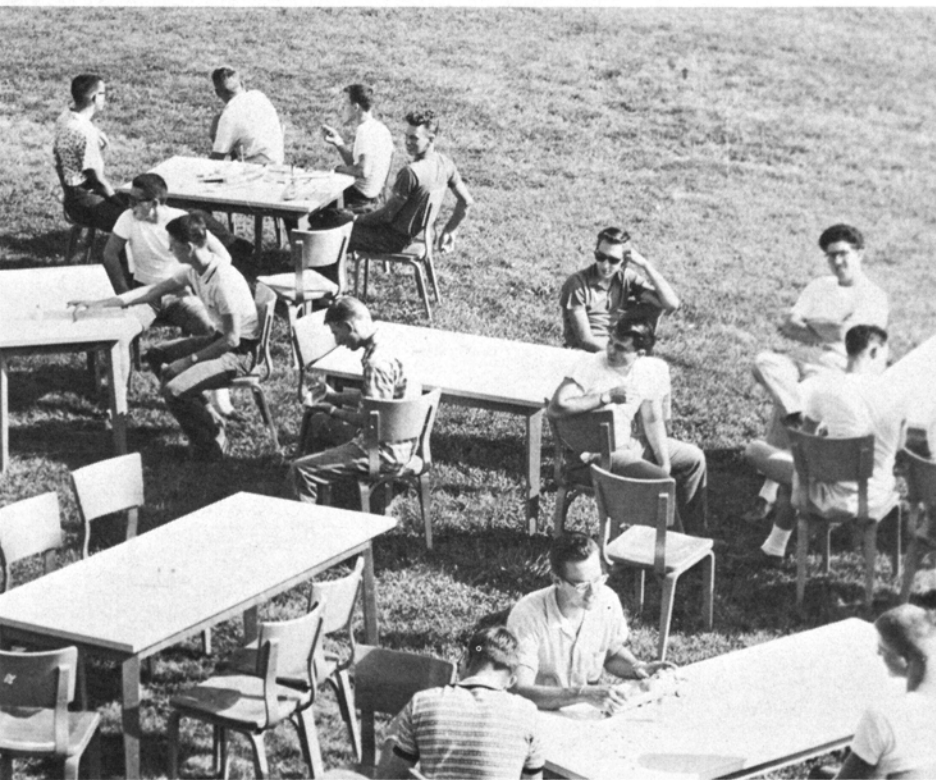
The School of Mines believes that group living in Residence Halls in a democratic setting can contribute greatly to the well-rounded development of the individual student and to a good citizenship.

One of the many social activities.



Mr. Lambert, MRHA Supervisor.





Watermelon lovers on cafeteria terrace.

MRHA KELLY & McANERNEY



MRHA well represented in intramurals.

FIRST ROW, LEFT TO RIGHT: Winfrey, Flanagan, Williams (Vice-President), Hopkins, Andesilich (Secretary), Ulrich, Manley, Culbertson, Hoilman, Schnitta, Pedersen, Hopkins. SECOND ROW: Powell, Wilkey, Gibbs, Ponwitz, Scannell, Gilbert, Sudduth, Fukubayashi, Terry, Kinoshita, Goldstein, Madding, Smith. THIRD ROW: Hoel, Lebedun, Hathikhanayala, Bennett, Petry, White, Cowfsnowski, McGinnis, Fix, Zauner, Crane, Myers, Trantina.

FOURTH ROW: Subow, Mueller, Silvers, Handshy, Mochel, McMahan, Pottinger, Olney, Revelle, Darnell, Berghoff, Steiniger, Tibbs. FIFTH ROW: Schwerzler, Kettler, Peterkort, Muller, Hansen, DeClue, Schoep, Kastel, Herzog, Stevens, Henson, Verhoff, Johnston, Sprague. SIXTH ROW: Bromley, Medvesky, Rosemann, Gardner, Niedner, Bergt, Clarke, McDonall, Roeseler, VonRauner, Yamnitz, Raganofuitz, Bennett.



INDEPENDENTS

The Independents Organization (GDI) represents all non-fraternity men and women on campus. Since first organized in 1935 the organization has provided active leadership and assistance in extra-curricular and campus service activities, and effectively represented independents in the Student Council and St. Pat's Board.



GDI outing, "tug-of-war" contest.



Dale Marshall, GDI president.

FIRST ROW, LEFT TO RIGHT: Fenner, Goldstein, Beger, Cooper, Fisher, Martin, Ovca, Duncheon, Crader, Thurman. SECOND ROW: Kettler, Meehan, Aubrecht, Leamy, Jung, Murry, Campbell (Vice-President), Marshall (President), Hackney (Secretary), Brunjes (Treasurer), Martin, Cortelyou, Loethen. THIRD ROW: Michel, Templeton, Riley, Witmer, Lebedun, Wheeler, Stricker, Link, Gregory, Richardson, Price, Doll, Rusch. FOURTH ROW: Mann,

Milkert, Aubrecht, Schiesser, Boehmer, Myers, Coonce, Picker, Turner, Larson, Foltz, Hughes, North, Hoffee, Pasek, Eckstein, Marks, Osick, Matthews, Roberts, Sanders, Sundermeyer, Dickinson, Carter. FIFTH ROW: Holt, Jenkins, Heibein, Weis, Raffel. SIXTH ROW: Hoffman, Fournelle, Kulhan, Rosemann, Riess, Spurgeon, Irvin, Raber, Bowles, Miller, Thames, Warnky, Mohr.





FIRST ROW, LEFT TO RIGHT: Strain, Hellon, Cooper, Strain, Helier, Giger, Levin, Biting, Teis, Leonard, Downing. SECOND ROW: Sagan, Chopra, Walthall, Suetterlin, Kamman, Perl, Baldwin, Folk, Bronson, Gilmartin, Lohrding, Madding, Clarida. THIRD ROW: Petersen, Fox, Vardiman, Sarti, Carpani, Kutter, Arment, Ascensio, McMahan, Yorg, Miller, Green, Kemp. FOURTH ROW:

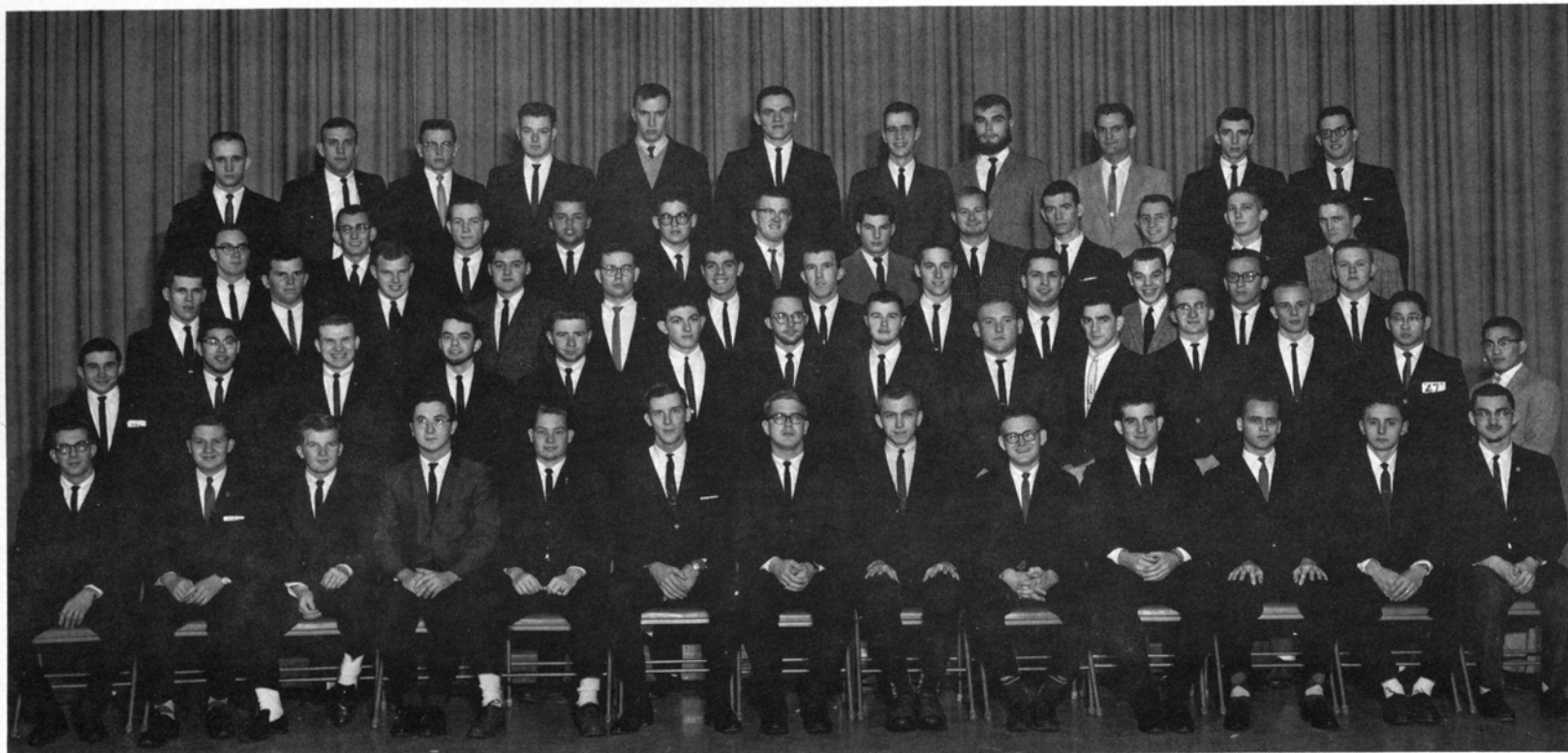
Keane, Krodinger, Iten, Bousman, Latimer, Slapak, Solook, Richardson, Stevens, Keiser, Barr, Hinz, Franklin. FIFTH ROW: Keathley, Cook, Eberler, Nelson, Lee, Schneider, Kamman, O'Brien, Henson, Wargo, Peikson, Holmes, McCauley. SIXTH ROW: Schmutzler, Kladiva, Gross, Munn, Buchmeier, Rancilio, Herzog, Christensen, Glynn, Schumacher, Herzog, Wolfe.

INDEPENDENTS

FIRST ROW, LEFT TO RIGHT: Greeson, Worts, Crooke, House, Bailey, Palmer, Spitzmiller, Wilkey, Allison, Lytle, Bowles. SECOND ROW: Strebler, Reichert, Scannell, Horn, Callisto (President), Layton, Cope, Sehl, Brez, Riney, Gogne, Ponnwitz, Gilbert, McLain. THIRD ROW: Durbin, Farber, Hand, Gillette, Olney, Bugg, Hunter, Rouse, Tharp, Foss, Gunn, Fisher, Sedeora, Hoilman, Shepardson, Sivadasan. FOURTH ROW: Kamler, Vorst, Ulrich, Blumfelder, Miller, Weise,

Boling, Ray, Ferretti, Smith, Pickens, Fortihzeben, Lindsay. FIFTH ROW: Bilderback, Woodfield, Thom, Mincher, Kastel, Hansen, Wood, Schoep, Harper, Valentine, Roberts, Grider, Gillette, Busby, Balser, Reininger. SIXTH ROW: Carmack, Kerr, Roberts, Koester, Muller, Peterkort, Culbertson, Peery, McDonall, Wiegand, Perkins, Petry, Greening, Miller, Manley.





FIRST ROW, LEFT TO RIGHT: Smith, Rusch, Wills, Crowie, Bugg, Range, Wacker (President), Sehl, Hackney, Allen, Gummerscheimer, Ruser, Wade. SECOND ROW: Renaud, Shimamoto, Unterivaehrer, Woerner, Giger, Apprill, Price, Franklin, Richardson, Batery, Stangel, Ravens, Shimamoto, Shimamoto. THIRD ROW: Duncheon,

Woodfield, Tunnell, Newsom, Pasek, Ferretti, Kraust, Basler, Gunn, Bohn, Scego, Bargman. FOURTH ROW: Baehr, Willard, Suetterlin, Cope, Blodgett, Syhouse, Wenom, Manning, Neville, Austin, Turner, Adams. FIFTH ROW: Cushman, Patrick, Heibein, Miller, Reichert, Grace, Hayes, Maggs, Parkes, Jones, Arensman.

ENGINEERS' CLUB

The Engineers' Club, located at 1100 Elm, is the oldest of the co-op clubs. Founded in 1934, the club serves to provide Independent students with the highest possible standard of living on a non-profit basis. The Engineers provide a strong campus contribution to the intramural program and endeavor to promote the best possible student relationship within the organization.

At present, the club operates at a membership of 135 under the watchful eye of our cooks, Iva Duncan and Lilly Snodgrass.



Chow time at the Mines.



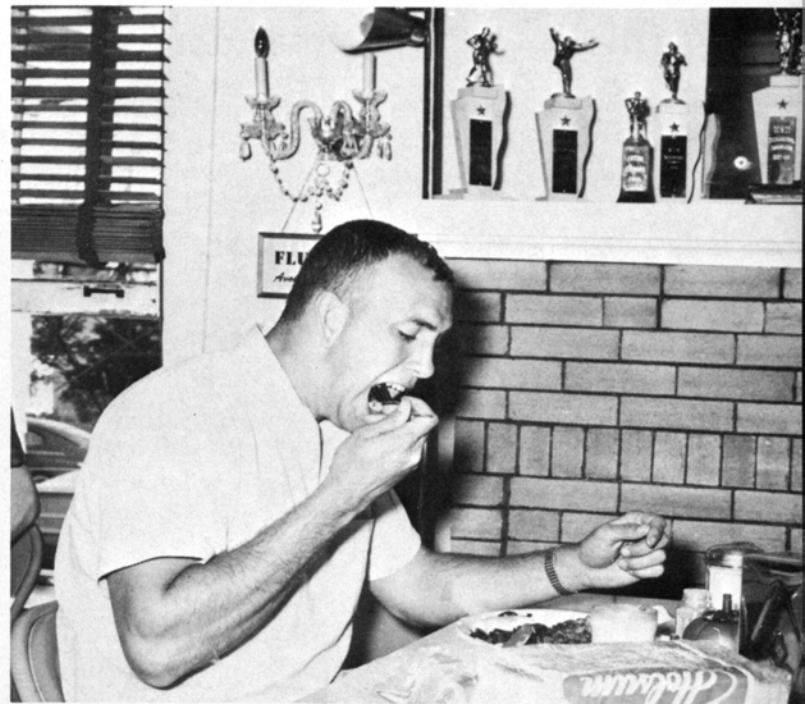
Just like home!



Wholesome, low-cost meals offered at eating clubs.

ENGINEERS' CLUB

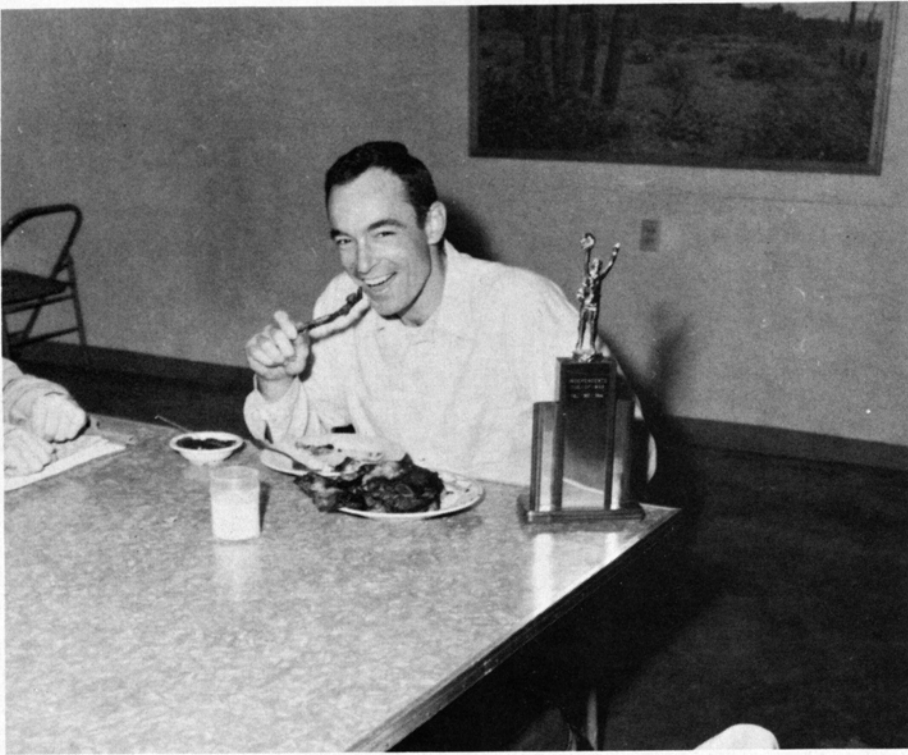
Another unbelievable story!



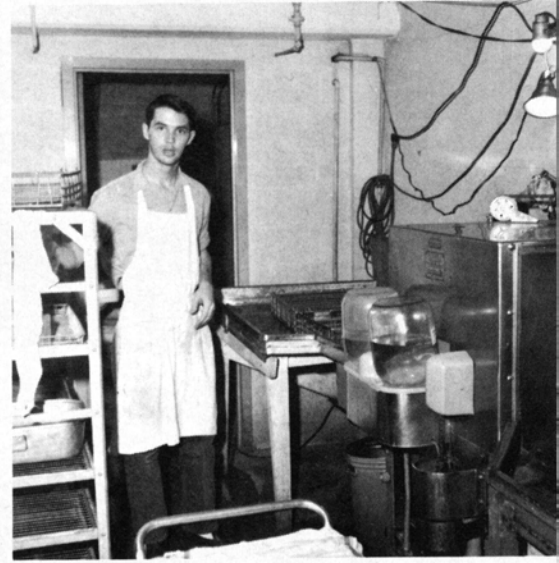
Intramural trophies displayed behind watchful guardian, Morris Patrick.

Some of Engine's officers at the training table.





Art Schaefer and the "tug-of-war" trophy.



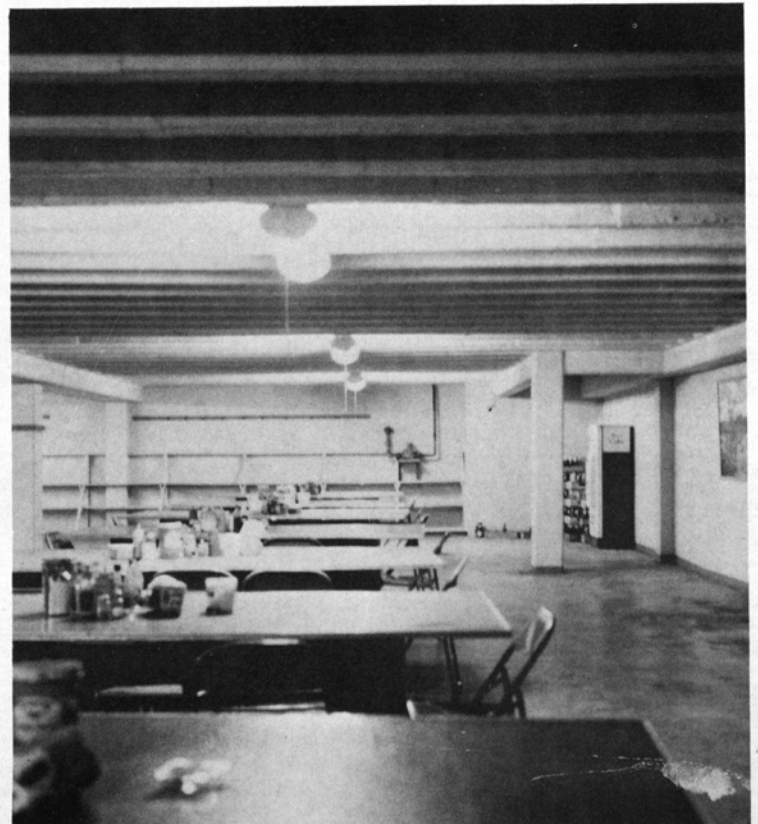
Members work once a month for benefit of club.

FIFTY-NINERS CLUB

Well-guarded meal ticket — the pass to paradise!



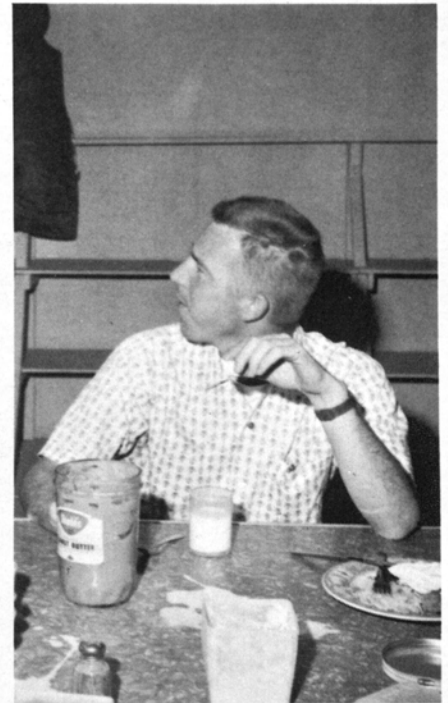
Halls kept spotless by workers.



FIFTY-NINER'S CLUB



Informal atmosphere prevails.



Mike O'Brien, Fifty-Niners' President.

The Fifty-Niners' Club has maintained its position as the largest cooperative eating club on campus for the past four years, the peak membership of this year being 260 men. The club was organized in April of 1959 and received its certificate of incorporation from the State of Missouri on November 12, 1959.

FIRST ROW, LEFT TO RIGHT: Carey, Strain, Reed, Herbold. SECOND ROW: Throgmorton, Cummins, Cobb, Lohrding, Dressel, Koester (Secretary), O'Brien (President), Davis, King, Erpelding, Warnky, Baker, Clippard. THIRD ROW: Vardiman, Hedden, Marsh, Miller, Riney, Schiesser, McCauley, Strain, Bailey, Scott, Topolse, Busby, Kemp. FOURTH ROW: Moore, Whitlock, Boling,

Stricker, Sundermeyer, VanSkiver, Hastings, Gillette, Evans, Jaquay, Holmes, Trachsel. FIFTH ROW: Holt, Clarida, Anderson, Gillette, Foltz, Keane, Bishop, Huffman, Struebing, Sivadasan, Jones, Johnson, Fox. SIXTH ROW: Jensen, Yorg, Schaefer, Rancilio, Crow, Conley, Painter, Friedrich, Raber, Miller, Hull, Baugher, Jackson.





FIRST ROW, LEFT TO RIGHT: Carter, Nickless, Loethen, Perl, Frazer, Murray (Secretary-Treasurer), Klier (President), Fisher, Peirson, Smith, Kamman, Kamman, Johnson. SECOND ROW: Hughes, Schwach, Dabner, Warren, Komo, Rousem Fear, Thurman, Coble, Richardson, Foss, Bommarito, Ruzich. THIRD ROW: Jacobs,

Houchin, Carr, Netzer, Gausman, Wilson, Dewey, Dickey, Blanco, Rojas, Morris. FOURTH ROW: Newlin, Crow, Roberts, Woolery, Smith, Holley, Wood, Callen, Henson, Heuer, Goodman, Alvarado, West, Fisher. FIFTH ROW: Moss, Jersa, Reynolds, Fore, Salof, Salof, Richner, Six, Uhey, Gordon, Weddle, Degenhardt.

PROSPECTOR'S CLUB

The Prospector's Club was founded in 1955 as the Miner's Club and moved into its first house on Pine Street. The Club soon outgrew that first house and in 1957 moved to its present roomier location at 1005 Elm Street.

Although its primary function is to provide meals for the members at the lowest possible price, the Club has, since its beginning, been active in intramural sports and campus politics, being a leading contender for top positions in each.



The most important part of the club!

I'm gaining weight mom!



PROSPECTOR'S CLUB



A concentrated effort.



That endless line!

Prospectors' becoming stronger every year.



Mother never made better.

SHAMROCK CLUB



Shamrock's new facilities.



Watch those calories!

FIRST ROW, LEFT TO RIGHT: Mason (Business Manager), Jennings, Thompson, Jennings, Andoe, Utterback, Meehan (President), Van Hook, Hoffman, Talbot, Leicht, Smith, Ascensio. SECOND ROW: Lalwani, Klanderod, Riley, Templeton, Haynes, O'Neal, Hoffman, Voorhis, Coonce, Roberts, Dennis, Crader, Doll, Fenner.

THIRD ROW: Stine, Boehmer, Tharp, Molitor, Brown, Hoffee, Lindenlaub, Roberts, Vogelpohl, McPherson (Faculty Advisor), Howard, Spencer. FOURTH ROW: Farrow, Mitchell, Mathews, Mueller, Weis, Bowles, Bronson, Mohr, Lee, Fournelle, Couch. FIFTH ROW: Wells, Umphrey, Miller, Mann, Spurgeon, Raffel.





Seconds are in order!

SHAMROCK CLUB

The Spring of 1962 found the Shamrockers in need of more space. It was at this time that the club incorporated and purchased a larger and more modern building.

In the Fall of 1962 the Shamrock Club Incorporated became the first co-ed co-op with the admittance of the twelve members of the new girl's dorm.



World crisis being solved.



No time to talk!

Shamrock second largest club on campus.





FIRST ROW, LEFT TO RIGHT: Teis, Reininger, Cortelyou, Brunjes, Couse, Leamy (Secretary-Treasurer), Campbell (President), Aburecht, Keiser, Balser, Layton, Callisto, Skamenca. SECOND ROW: Thomas, Sarti, Lindsay, Farber, Kamler, Cook, Rohmaller, Carpani, Folk, Studer, Baldwin, Rutter, Bitting. THIRD ROW: Palmer, Milkert, Gasparovic, Kulhan, Osick, Slapak, Solook, Gaston, Green, Wargo,

Hinz, Ansel, Spitzmiller. FOURTH ROW: Boyd, Kerk, Latimer, White, White, Marks, Schneider, Buecher, Mitchell, Eckstein, Schmutzler, Jackson, Aubrecht. FIFTH ROW: Gilmartin, Brown, Wiegand, Holt, Riess, Rintoul, Christensen, Smith, Schumacher, Horn, Harper.

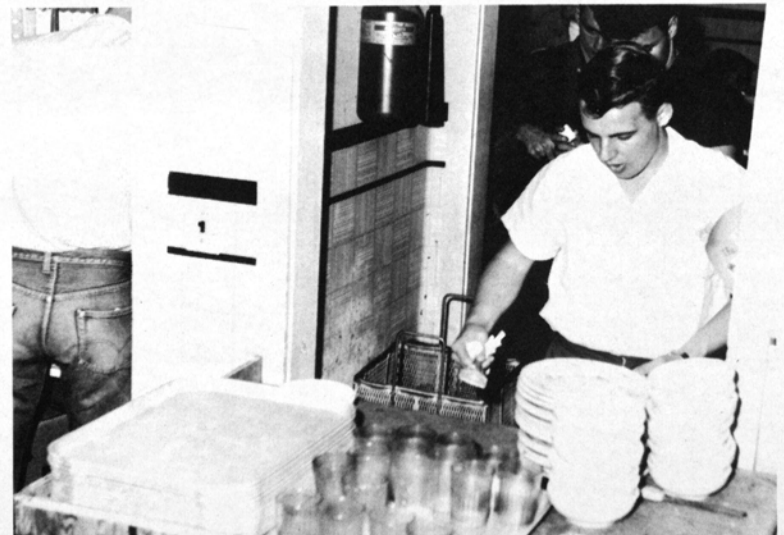
TECH CLUB

Since 1948 when it was first organized, the Tech Club has tried to produce the best in intramural and varsity sports as well as the best in food. During the last six years the Tech Club has won five overall intramural championships and great respect as an organization.

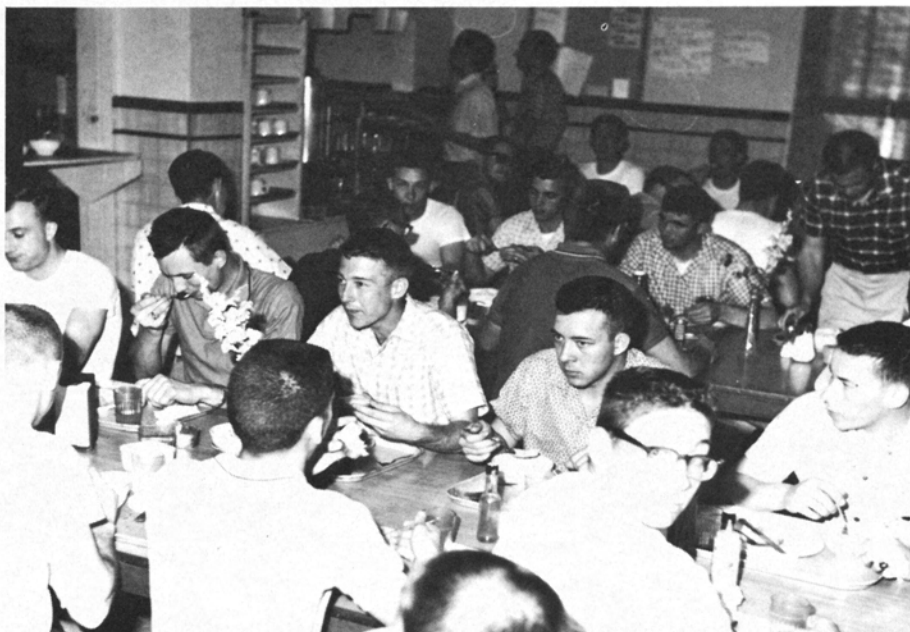
This year the Tech Club purchased its house at 1310 Pine and has become incorporated. Membership stands at 140. Officers this year are: Charles Campbell, President; Harry J. Leamy, Secretary-Treasurer; and Ladimir J. Aubrecht, Business Manager.



The Tech Club.



Dish-pan hands.

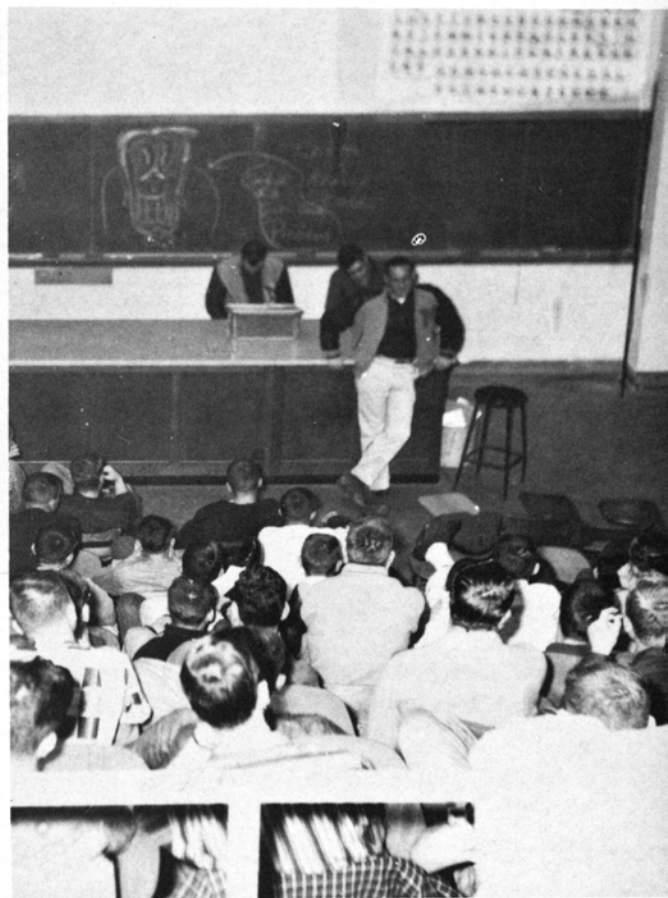


The best part of the day.

Very popular people at meal time.



TECH CLUB



Tech Club growing in strength.

Wargo's in the chow line again!





FRATERNITIES



ACACIA



Alumni and Dean Wilson at Founders' Day.

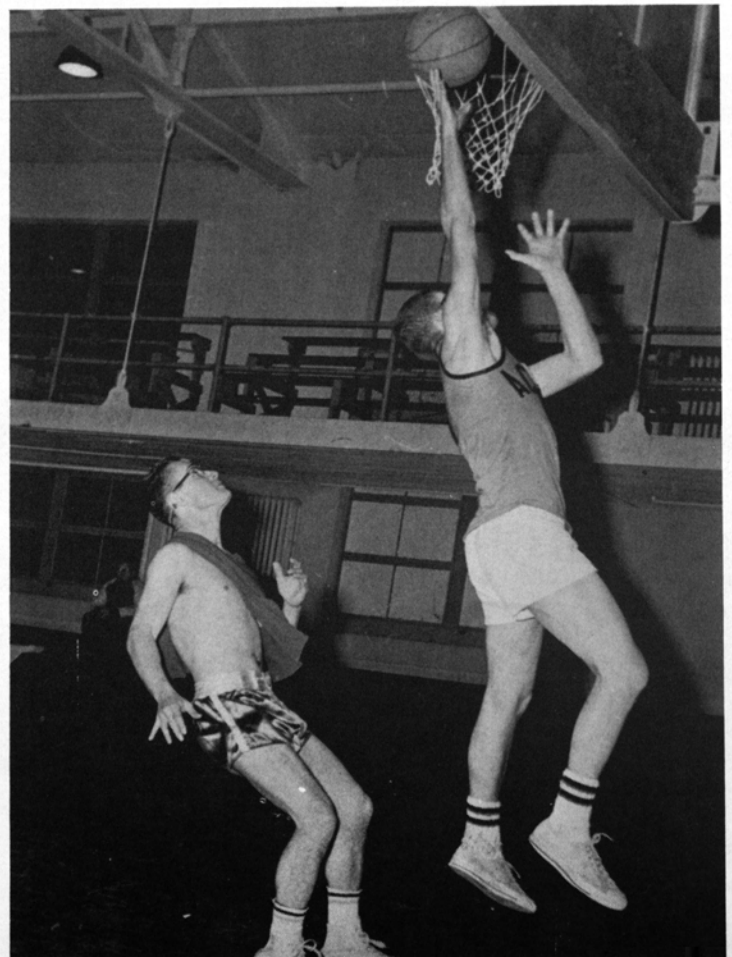


Allan Hall enjoying Breakfast.



FIRST ROW, LEFT TO RIGHT: Benz, Michael (Recording Secretary), Kallor (Treasurer), Marshall (Junior Dean), Burchill (President), Pythia, Gonzalez (Vice-President), Thornton (Correspondent).

2 points, Acacia.





Secretary), Spindler (Rush Chairman), Hamilton, Told. SECOND ROW: Hall, Henry, Mines, Roth, Schuette, Garringer, Hopkins,

Henson. THIRD ROW: Moss, Vaughn, Koopmann, Orrison, Rudolph, Wistehuff, Hayden, Jester, Gray, Nelson, Haury.

Founded in 1904 on Masonic principles, Acacia is fast becoming a strong national fraternity. The MSM chapter was installed in November of 1958, and has steadily grown since that date.

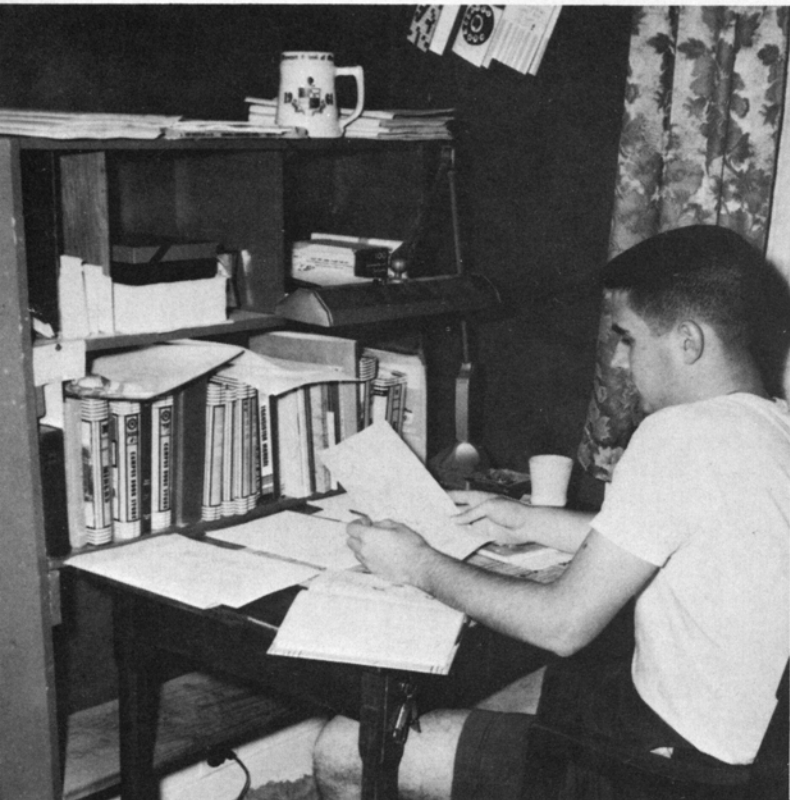
The past school year showed the Acacians with a true spirit in their participation in every fraternity and campus activity. Scholarship was again the main goal of the house. High-lighting the year socially were the Black and Gold Formal, St. Pat's, and Greek Week.

508 9th Street

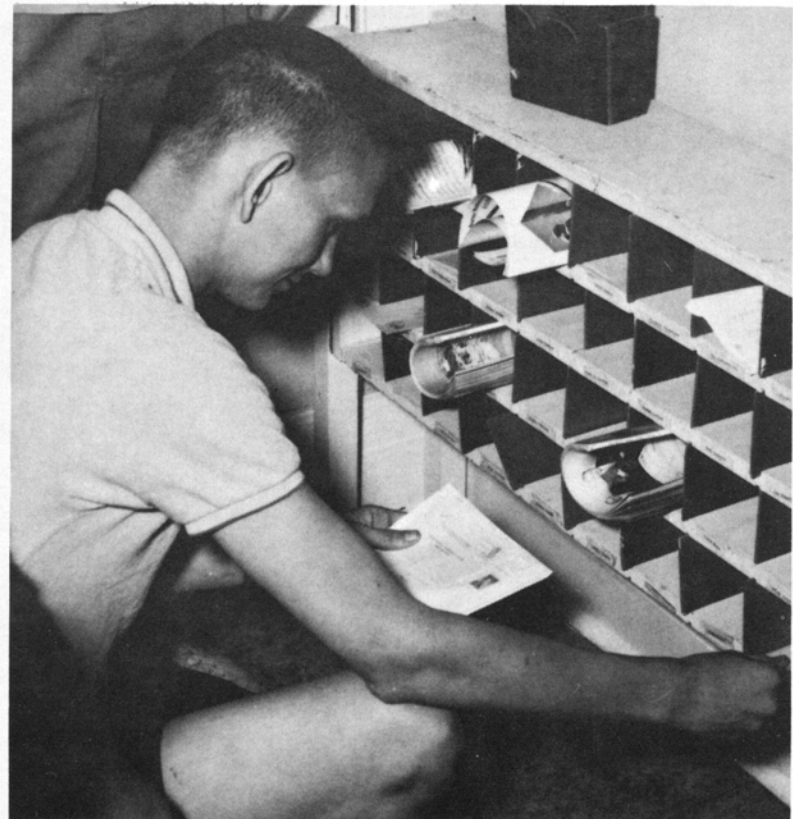


Front yard Scrimmage.





After those grade points.



Mail Call.

FIRST ROW, LEFT TO RIGHT: Laneman, Behring (Commissary), Seward (Treasurer), Roth (Sgt.-at-Arms), Lohmann, Decker, Mangels, Hartman, Meehan (Rush Chairman), Kroeter. SECOND ROW:

Nolle, Ellebracht, Gerhardt, Harle, Bruegge, Goldammer, Krame, Cassimatis, Meyer. THIRD ROW: Weber, Tebeau, Meier, Winke, mann, Hoelscher, Warner, Hoffstetter, Weinrich, Benitz. FOURTH ROW:



BETA SIGMA PSI

The Lutheran Social Fraternity of MSM, Beta Sigma Psi, was founded in 1952. Membership in Eta Chapter has grown steadily in recent years and is now forty-five men.

The year was well rounded socially with swinging bands for Homecoming and Christmas, the annual pinning ceremony at the Valentine party, and the Queen's Float at St. Pat's.



Beta Sig House.

OW: Steimley, Panhorst, Schade, Tesson, Latham, Stadelman, cheer, Meyer, Hampel, Blackwood.



Piano Roll Blues.



Intellectual advancement.



FIRST ROW, LEFT TO RIGHT: Barrett, Leslie, Seitz, Hrastich, Gardner (Secretary), Terry (Sergeant-at-Arms), Cornelison (President), Hamilton (Treasurer), Bryan (Vice-President), Wisbrock, Henery, Peacock. SECOND ROW: Huckabee, Steele, Gossett, Hughey,

Hurt (Maintenance Director), Lemons, O'Farrell, Huston, Hayne, Neely, Wheeler. THIRD ROW: Creek, Cox, Parker, Cutts, Moylan, Huber, Scholle, Hartenberger, Kruse, Million. FOURTH ROW: Charboneau, Frost, Keefe, Butler, Blue, Hampleman, Christen



David Cox congratulates Dr. Dudley Thompson on his fine talk.



Delta Sig House.



Herzog, Ebmeier (Chaplain), Bowron, Cox. FIFTH ROW: Crader, Witto, Thomas, McPheeters, Bray, Hornbuckle, Kaletta, House, Wright, Deelo, Larwood.



Mike Moylan and Marcia Beck, Carnation Ball Queen.

DELTA SIGMA PHI

In the six short years since the establishment of Delta Sigma Phi on the Miner campus, Delta Epsilon chapter has built a fine record of high scholarship and outstanding campus leadership. During the 1962-'63 school year, Delta Sig had men in almost every departmental and honorary organization on campus.

Delta Epsilon chapter was honored this year by the Delta Sigma Phi International Headquarters by being presented the Sigma Award for outstanding chapter leadership. Delta Sigma Phi places extreme importance on chapter leadership in order to promote the Fraternity motto, "Engineered Leadership."



Delta Sig's new initiates.



Party Decorations.



Party time at K A.



Kappa Alpha's Football Squad.

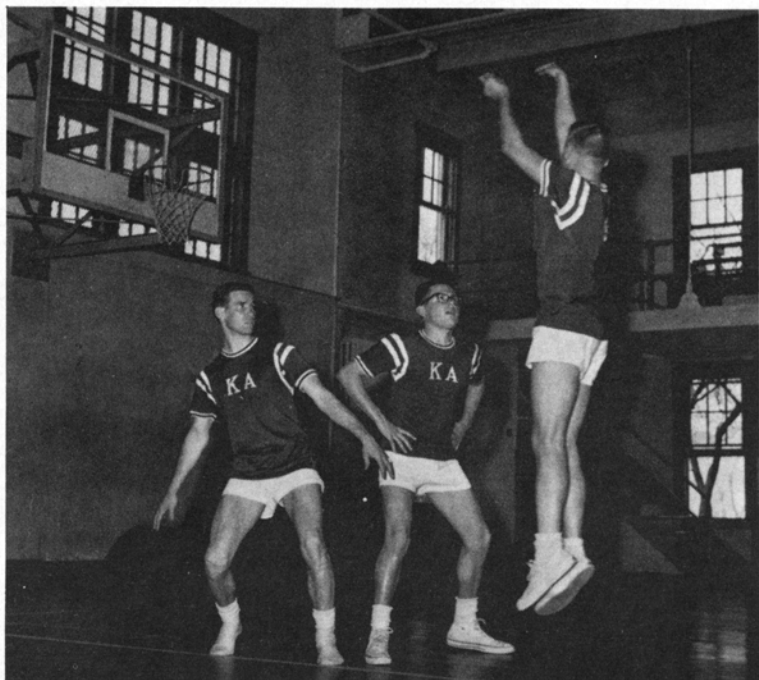
Kappa Alpha Order was born almost 100 years ago at Washington and Lee University. The Order has grown continuously under the spiritual leadership of Robert E. Lee. Beta Alpha this year celebrates its 60th anniversary at the School of Mines.

Ranking near the top of the scholastic listings, KA put 14 men in the honorary societies, while a varsity KA received national recognition in football.

Socially, KA nominated the '62 Homecoming Queen and set a precedent in the IFC Sing by capturing both 1st place trophies.

FIRST ROW, LEFT TO RIGHT: Mack, Faust, Steinkamp, Philpott (Vice-President), Barchers, Ferrell, Altmansberger (Corresponding Secretary), Jones (Treasurer), Gudermuth (Sergeant-at-Arms), Fyfe, Chapin (Steward), Horner. SECOND ROW: Schmidt, Newcomb,





Alford and Jones guard teammate during practice.

KAPPA ALPHA



1 Nagogami Terrace.

Nielsen, Rueter, Noel, Bollinger, Schneider, Hodges, Collins, Sessen.
THIRD ROW: Marshall, Fields, Fanter, Yates, Austin, VanRams-
vorst, Fitts, Hunter, Riestis, Schilling. FOURTH ROW: Compton,
Press, Lemberger, John, Wooldridge, Kasten, Russell, Morlan, Lewis,

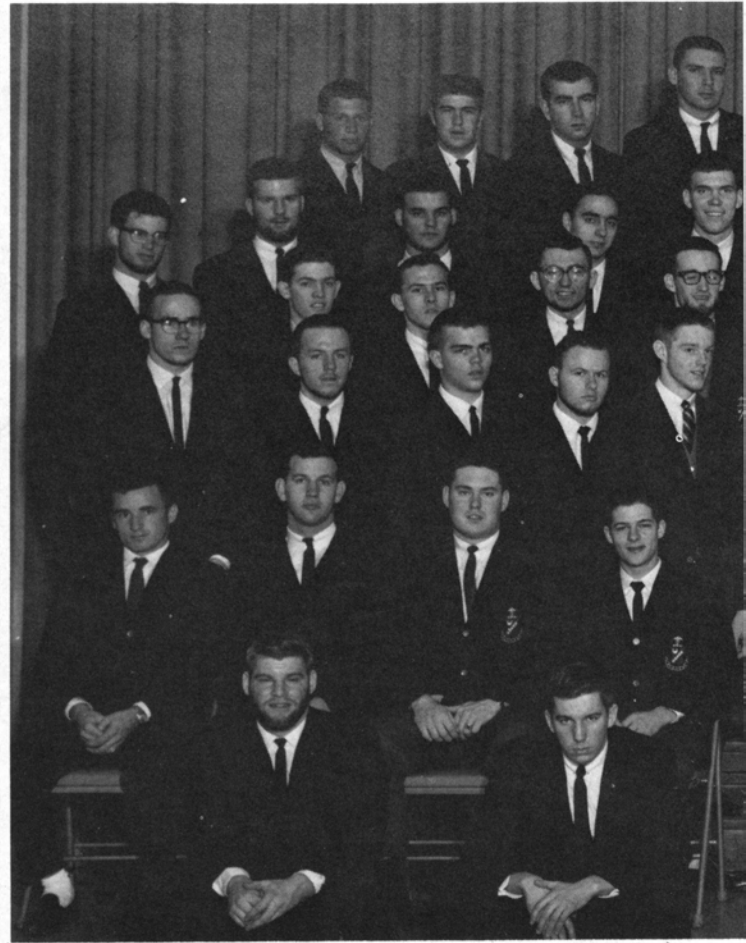
Ramming, Schattyn, Miller. FIFTH ROW: Kiefer, Wolf, Havenger,
Gum, Payne, Burford, Turner, Jones, Niemeier, Martin, Cleve,
Acford.



KAPPA SIGMA



Kappa Sigma House.

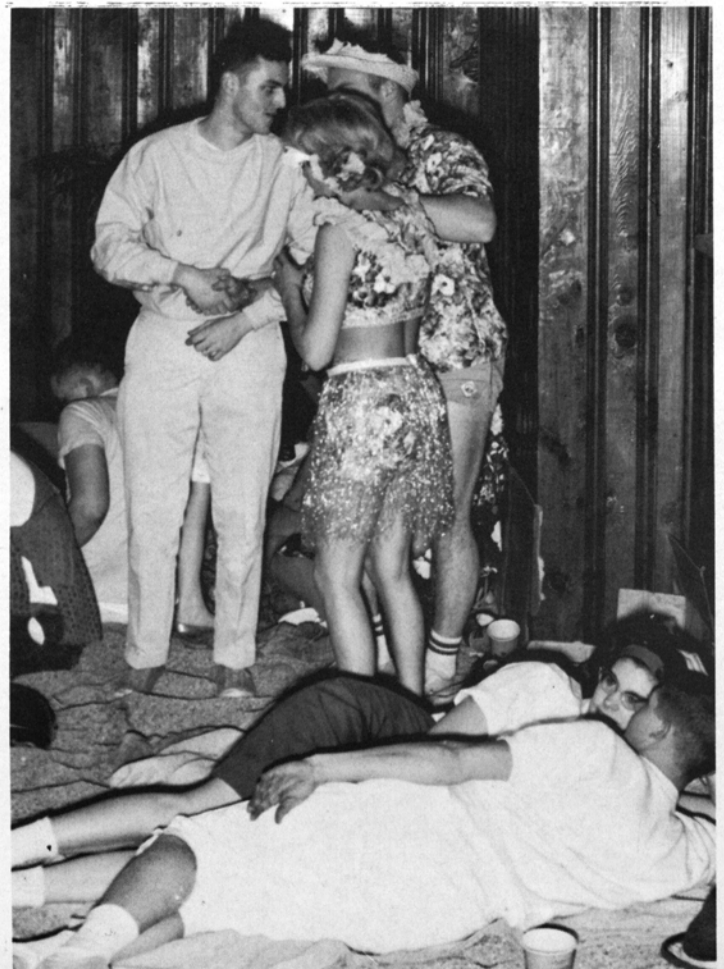


FIRST ROW, LEFT TO RIGHT: Schaeffer, Bischof, Moose, Foshag, Repplinger, Siemens. SECOND ROW: Kopaskie (Steward), Roed (Vice-President), Bogard, Reinke, Schmidt (Secretary), Drayer, Ellic (President), Gerhardt (Vice-President), Dagley (Treasurer), Bridge, Weinrich, Nolan. THIRD ROW: Chase, VanRhein, Seay, Nane

Beachcomber Party.



Murrell and Companion enjoying a party.





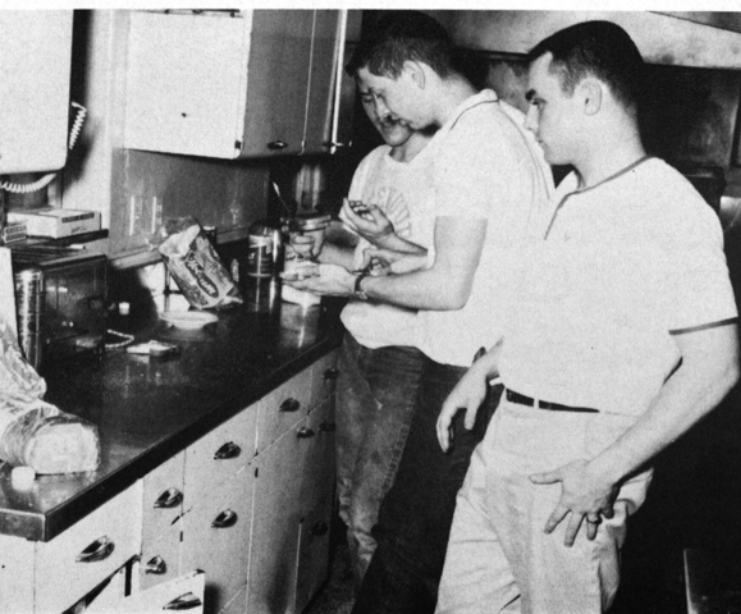
Carter, Dycus, Gardner, Houghton, Martin, Trejbal, Peterson, Koob, Simian. FOURTH ROW: Farrell, Killoran, Vallat, Carter, Brown, Carlson, Kirchoff, Parker, Warner, Vogler, Taylor, Clark, Cooper. FIFTH ROW: Sutterfield, Curran, Dressin, Meitz, Kalhorn, Anderson,

Albrecht, Hardie, Clark, Kadwell, Overleas, Kountzman, Ricketts, Ziegler, Russell. SIXTH ROW: McChesney, Ocsody, Rosenberger, Smith, Hurst, Patty, Mausshardt, Murrell, Kemper, Howard, Chamberlain, Mueller, O'Bryant.

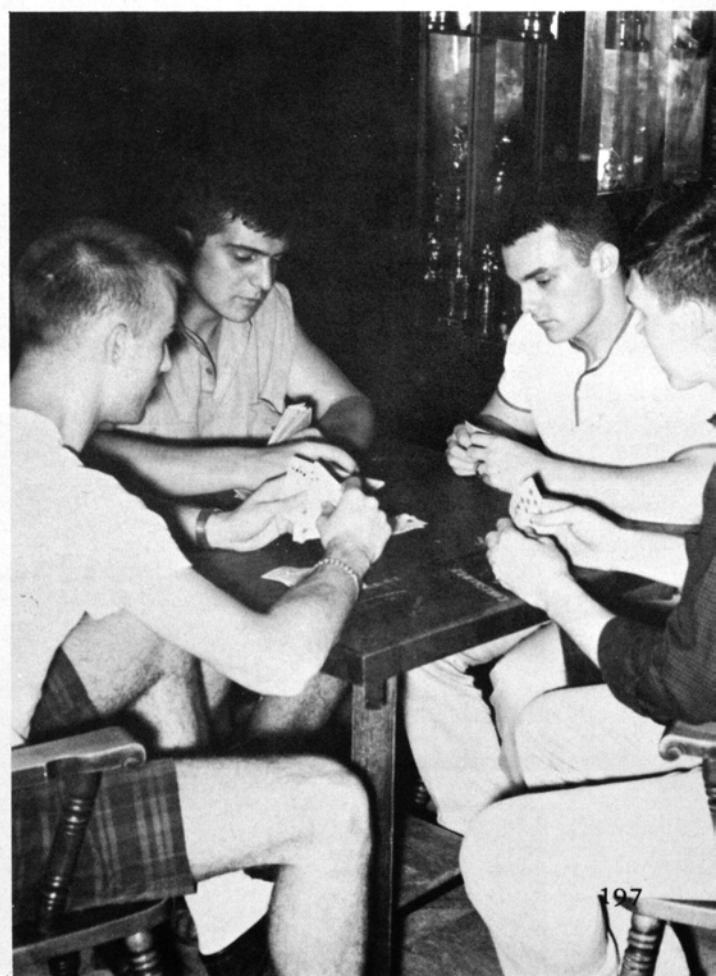
One of the first fraternities at MSM, Kappa Sigma has assumed a continuing role of excellence throughout its 59 years on campus. Good scholarship, the prime objective of the Beta Chi chapter, was again maintained at a high level.

The Beachcomber party, St. Pat's, and Greek Week highlighted the fine calendar of events. The strong Kappa Sigma spirit of brotherhood, coupled with scholastic, social and campus activities have made the Beta Chi chapter a strong fraternity in a strong Greek system at MSM.

Kitchen raid.

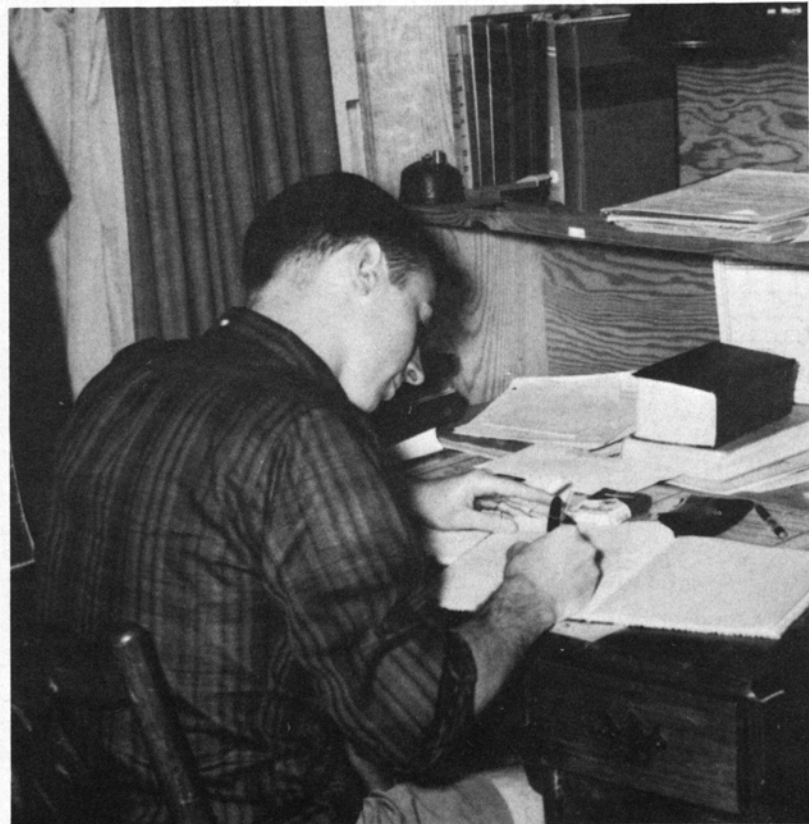


After-dinner card game.





Homecoming decorations taking shape.



Picking up a few grade points.

FIRST ROW, LEFT TO RIGHT: Goforth, Beech, Branum, McCracken, Caby, Bailey (President), McHugh (Vice-President), Bailey (Secretary), Koechlein, Weaver. SECOND ROW: Richardson,

Turner, Higbee, Roth, Plante, Boberschmidt, Branson, Stricker, Abernathy, Thomas. THIRD ROW: Swift, Thompson, Lehmbeck, Sims, Faenger, Hecht, Sunkel, Faenger, Stemler. FOURTH ROW:



LAMBDA CHI ALPHA

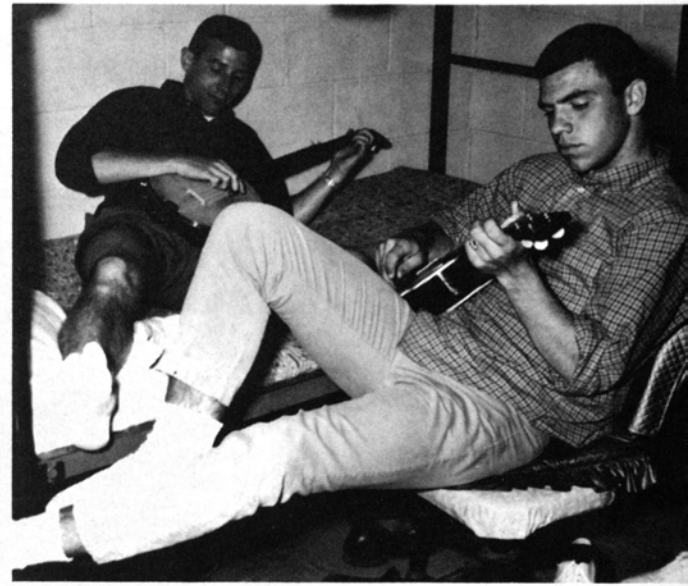
High scholarship, strong intramural teams, active membership in campus organizations, and binding unity from within distinguished Lambda Chi men on the MSM scene during the 1962-'63 school year.

Social life was by no means neglected. The six party weekends started with Homecoming and ended with the jubilant Greek Week celebration.

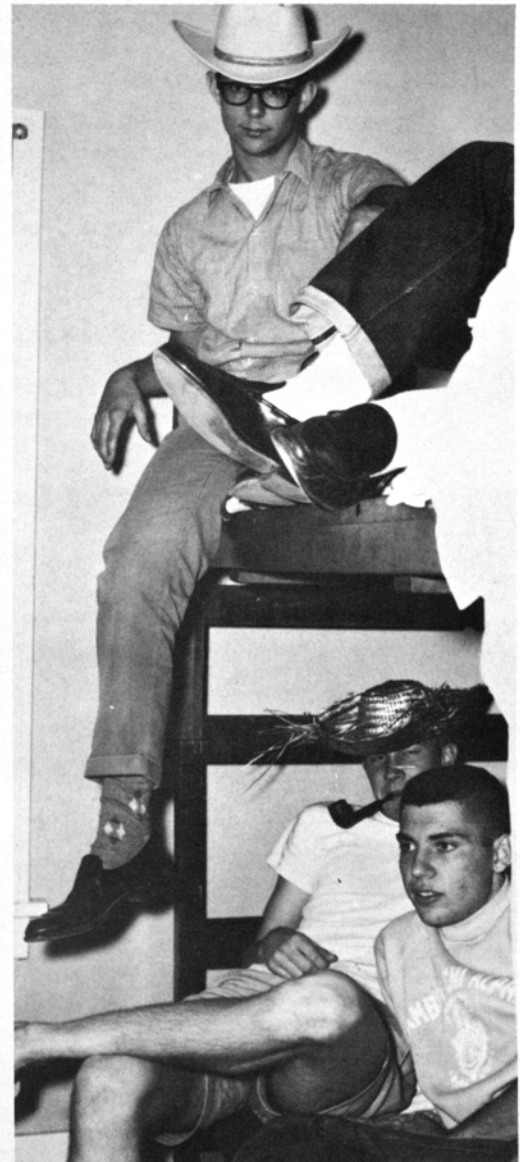


Lambda Chi House.

Jones, Kirberg, DeMay, Housh, Lee, Taylor, Castleberry, Rydberg, Weiland. FIFTH ROW: Brauer, Fehsenfeld, Purmort, Lischer, Hoffstetter, Winter, King, Schlutow, Toedtman, LaPresta, Clippard.



Pickin' time.



Bed time stories.



FIRST ROW, LEFT TO RIGHT: Allison, Jalbert, Morris, Reuling (Treasurer), Williams (Vice-President), Beckmann (President),

Schmidt, Hydzik, Herrmann, Kelty. SECOND ROW: Bradley Wideman, Johanpeter, Laupf, Cornell, Henslee, Ramsey, Steffen



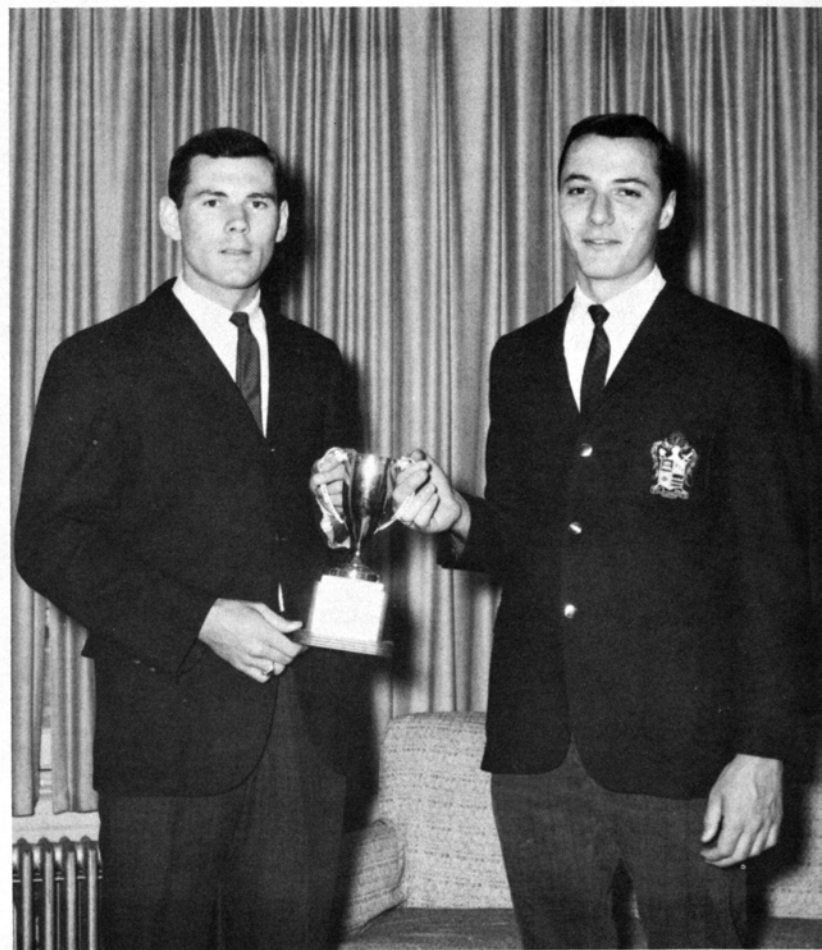
Pledge Dance November, 1962.



Phi Alpha's House.



ulis. THIRD ROW: Gildehaus, Porterfield, Hayward, Hudson, urall, Neale, Franklin, Gunn, Johnson.



Bill Gunn accepts Phi Alpha's first place APO Blood Drive trophy from Dennis Worley.

PHI ALPHA

In 1960 Phi Alpha got its start at the School of Mines, and since that time it has gained a prominent position among the fraternities on the campus.

Phi Alpha's social calendar included a very successful street dance on the Homecoming weekend, a Pledge Dance, the annual Shipwreck Party, St. Pat's and Greek Week.

This past year Phi Alpha helped in the remodeling of the home of a needy Rolla resident, and held a Christmas party for some underprivileged children of Rolla.



Christmas Decorations.



Friendly Retaliation.



707 State.

Phi Kappa Theta is a national social fraternity for Catholic men. The local chapter, Missouri Mu, is a descendant of the Order of Cardinal Mercier and has been on campus since 1925. It has always been a strong chapter, both on campus and within its own national organization.

In intramural football, the "Kaps" placed second, in basketball third, and in handball singles second.

Once again the Mothers' Club generously contributed to the chapter's treasury with a gift of \$1,000.

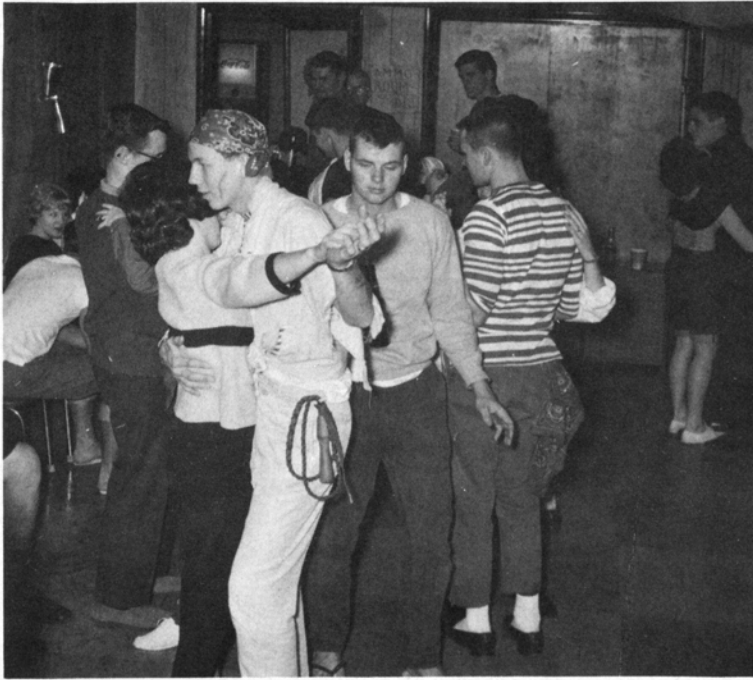
FIRST ROW, LEFT TO RIGHT: Schillinger, Varady, Schellma (Steward), Hahn, Crede (Secretary), Schwaller (Vice-President), Schmitz (President), Hemmel (Treasurer), Spehr, Wagner, Hamt, Scanlan. SECOND ROW: Abkemeier, Bardon, Limberg, Ponstig



Swekosky grabs rebound for Phi Kap.



PHI KAPPA THETA



Black Bart and Crew at Phi Kap Pirate Dance.



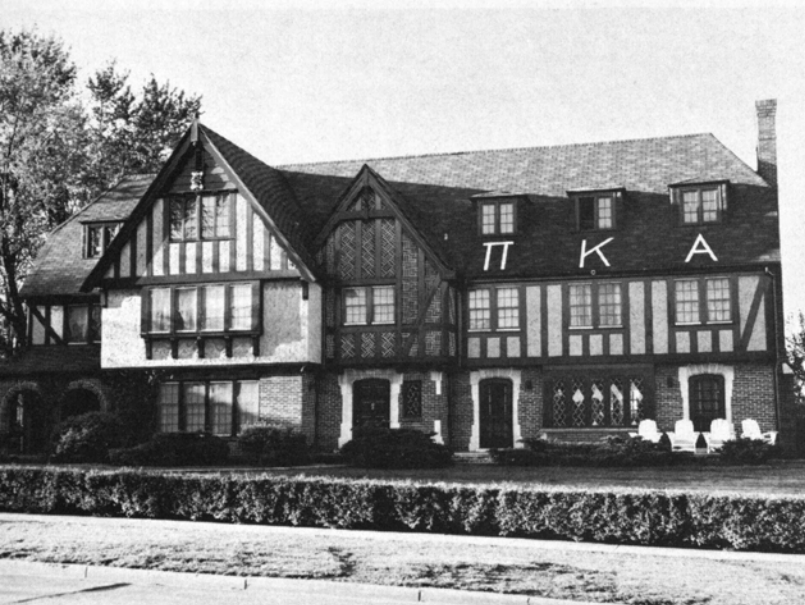
Pledge-Active Water Fight.

Vinters, Heinzen, Blume, Thrash, Fulwider, Norausky, Difiglia.
THIRD ROW: Scanlan, Boillot, McCane, Arnold, Willman, Norfleet,
ohnen, Dallas, Devaney, Shields, Keyes. FOURTH ROW: O'Malley,

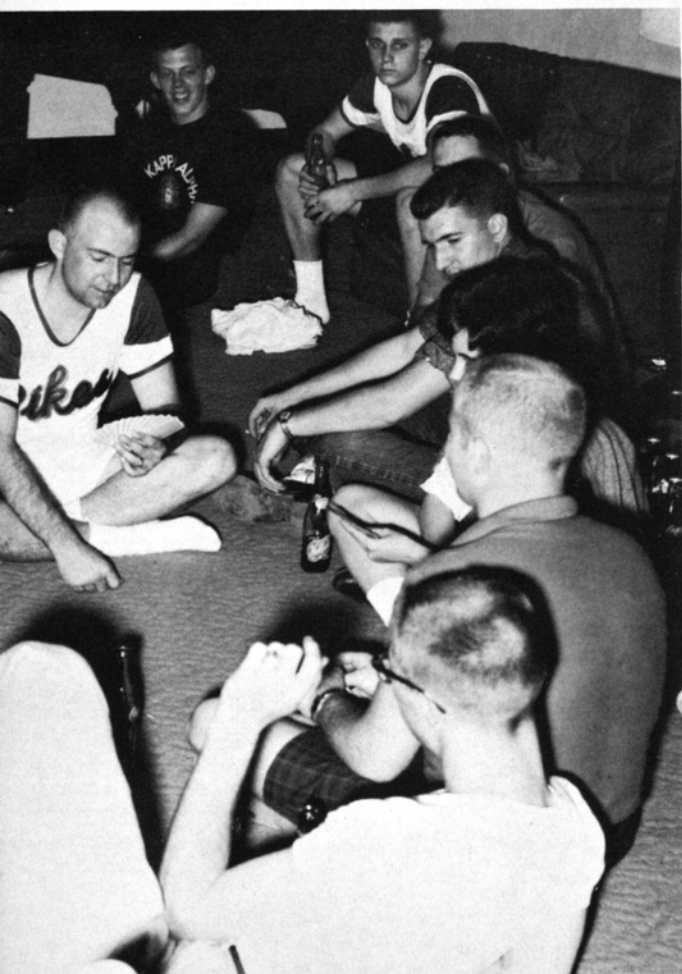
Kuebler, Bersett, Buescher, Worley, Coco, Jungle, Wenger, Graves.
Eimer. FIFTH ROW: Koeper, Murray, Verslues, Reilly, Bersett,
Fogler, Swekosky, Kaiser, Kaiser, Prenger, Fitzgerald.



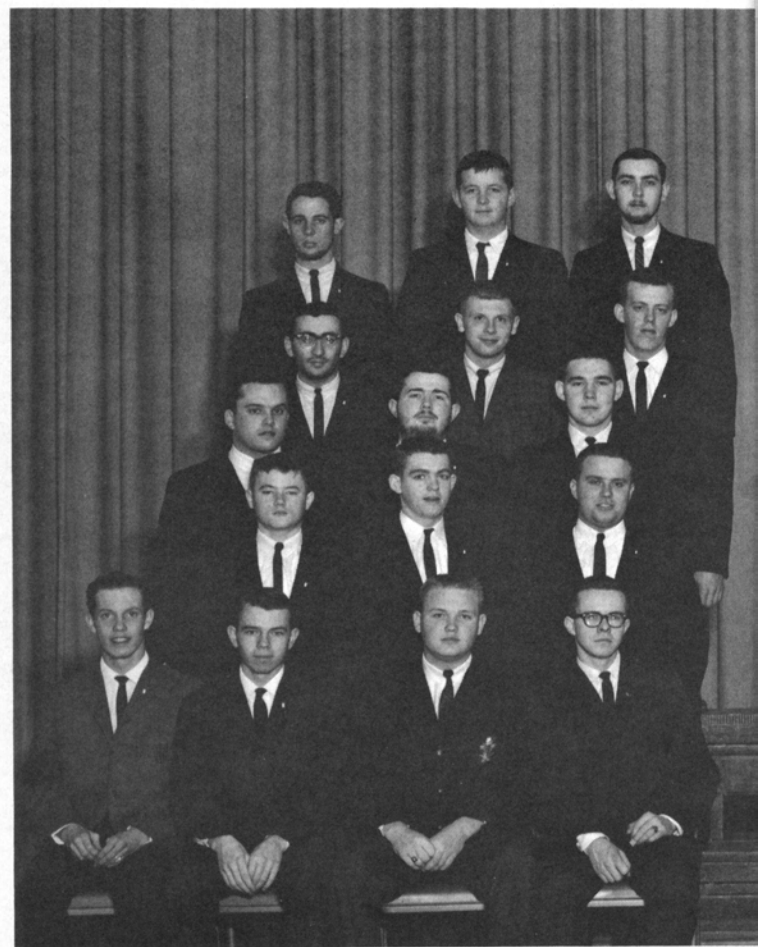
PI KAPPA ALPHA



The Pikers' House.

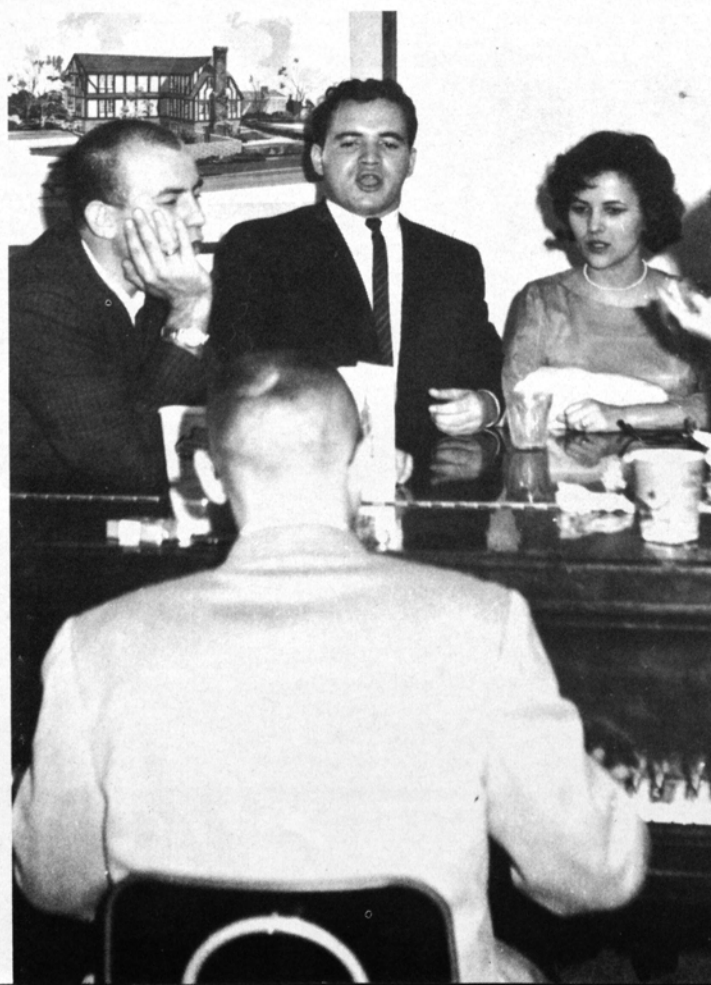


Post-game relaxation.



FIRST ROW, LEFT TO RIGHT: Grantham, Sullivan, Rieder, Cruce, Koch (Secretary), Neubauer (President), Markland (Vice President), Green (Treasurer), Zunkel, Carriere, Littlefield, Sieckhaus
SECOND ROW: Willis, Stirrat, Pfeuffer, Feuchter, Duncan, Vand

Party time piano.





ort, Strickland, Lasker, Spencer, Crosnoe, Dickson. THIRD ROW: Harvey, Cowles, Ford, VanBuren, Lack, Barth, Mittler, Hunt, Roth. FOURTH ROW: Mendel, Kamp, Dakin, Seymour, Karr, Knezevich.

Ruddick, Kirn, Harrison, Clynes. FIFTH ROW: Riley, Klingler, Zabel, Holland, Hollander, Goodman, Gorman. Milliman, Ledbetter, Nuckolls, Hoffmeister.

This year Alpha Kappa chapter won the Symthe Award for the most outstanding chapter of Pi Kappa Alpha in entire chapter proficiency. In addition, Brother Hallerberg won the award for the outstanding undergraduate of the year in Pi Kappa Alpha.

One of the high points of the year was the completion of the addition to our chapter house, and the ensuing dedication held on Homecoming. Although hindered by unfinished construction on the house, we were able to accumulate an outstanding pledge class of forty-two men.

Smythe, Powers, and Hippel Awards.

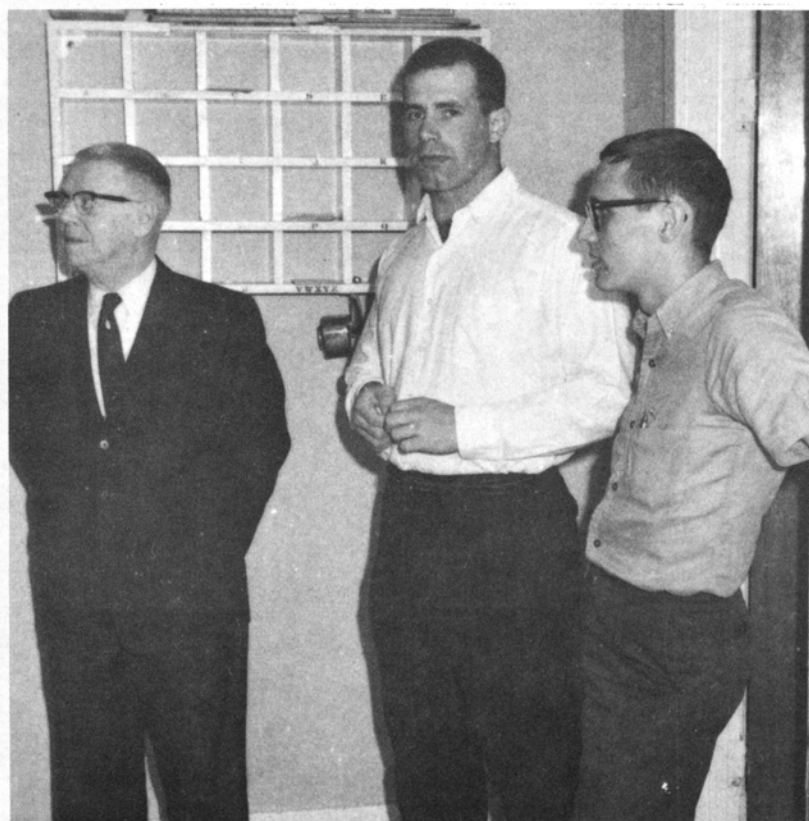


Pikers' Hobo Party.





Sigma Nu's third place volleyball team



Dean Wilson, Mannschreck, and Woerner.

FIRST ROW, LEFT TO RIGHT: Bohac, Ombalski, Britton, Hauschild, Riggs, Gaylord (Treasurer), Woerner, Brunner, Shalton, Bradford, Mannschreck, Haas. SECOND ROW: Restelli, Ferguson,

Fender, Hoover, Moxham, Shippy, Leone, Falke, Sheer, Bruck, Sandfer, Gerig. THIRD ROW: Turner, Kennedy, Rimbach. FOURTH ROW: Hinton, Edinger, Lambert, Garrett, Herbst, Rueh, Bryson.



SIGMA NU

Sigma Nu, the first national fraternity on this campus, experienced another successful year in 1962-'63. The capturing of the swimming trophy led to another fine showing in intramurals. The chapter was also proud of its many varsity lettermen. With its fine heritage acquired from past years, the men of Sigma Nu are looking forward to many more and better productive school years.

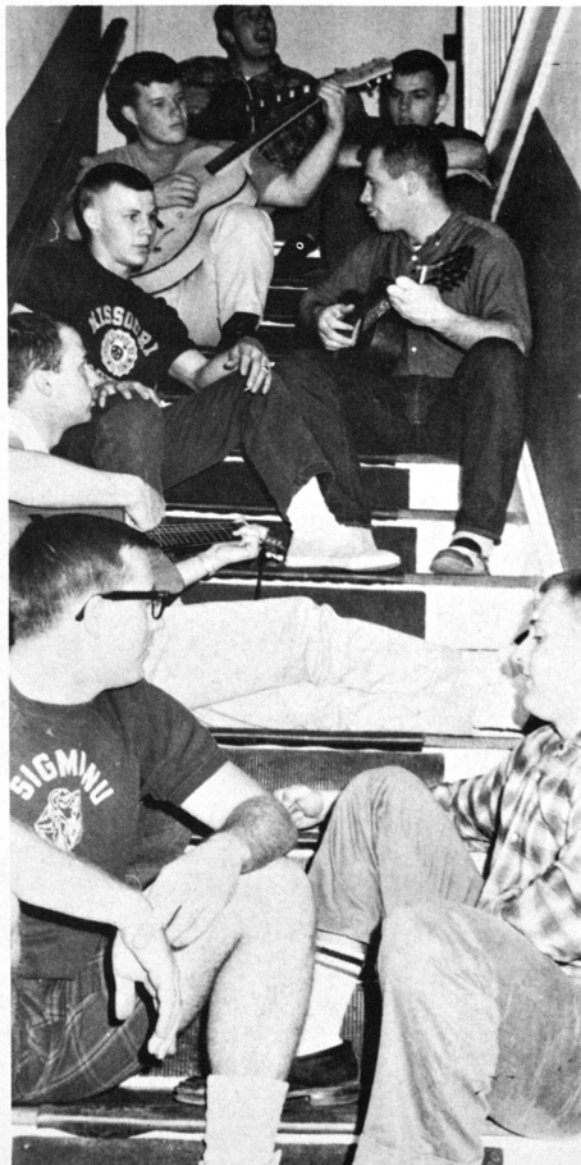


Sigma Nu's House.

uegerich, Dawson, Graham. FIFTH ROW: Witherspoon, Higgins, uppert, Pohlig, Pfeifer, Lutzenberger, Myers, Reiferson, Graff, Wheeler.



Bob Leone plays his hand.



After-dinner sing along.



FIRST ROW, LEFT TO RIGHT: Hayden, Smith, Kester (Vice-President), Raidt, Sutherland, Miller (Secretary), Gladvsiewicz (President), Wedelner, Sommerkamp, Greifzu. SECOND ROW: Elliott, Skinner,

Kozeny, Putz, Cline, Delmain, Minton, Heiskell, Connors, Peen Dunn. THIRD ROW: Kincaid, Albrecht, Bowman, Hayden, Warin Bordeaux, Parks, Oberhaus, Robb, Krieger. FOURTH ROW



Afternoon Bull Session.



Sig Ep's House.

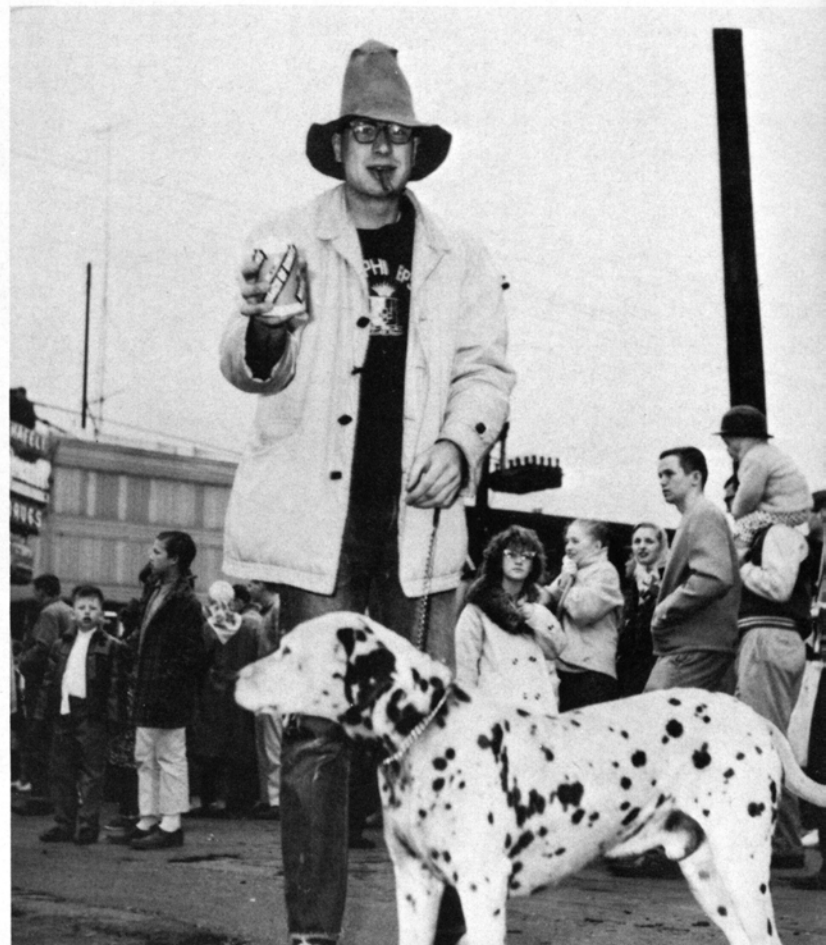


haeffler, Johnson, Schweser, Aspen, Mertens, Schmersahl, Nickens, McCullough, Arnold.

SIGMA PHI EPSILON

The young, yet swiftly growing fraternity of Sigma Phi Epsilon, has made its presence strongly felt since its beginning on the MSM campus in 1947. Because of the high average required for initiation, Sig Ep has rated fourth in campus grade point over the past five years. There is always a Sig Ep among any group of campus leaders. The "red door" is known for some of the best parties, given by the friendliest house on campus.

TGIF



Alms for the poor?





Sing along time at Sig Pi.



Sigma Pi's House.

The Alpha Iota Chapter of Sigma Pi Fraternity, originally known as the Prospectors Club, was formally installed on the MSM campus in April of 1933. The principle objects are to advance truth and justice, to promote scholarship, to encourage chivalry, to diffuse culture and to develop character in the service of God and man.

To supply its members with a well-rounded social life, the fraternity supplements the academic year with several social functions which are enjoyed by active members, pledges, and alumni.

FIRST ROW, LEFT TO RIGHT: Ubaudi, Dierker, Biermann, Hulett (Secretary), Johnson (Treasurer), Ebert (Vice-President), Morris (President), Tigerdog, Loth, Becher, Williams. SECOND ROW



House President Mark Morris.





Sig Pi Christmas Party for Underprivileged Children.

SIGMA PI



Comrades in Arms.

Houser, Weber, Stewart, Halpern, Wagner, Gregg, Tegtmeier,
Hausgen, Thomes, Schaffer, Masters, Wink. THIRD ROW: Ulm,

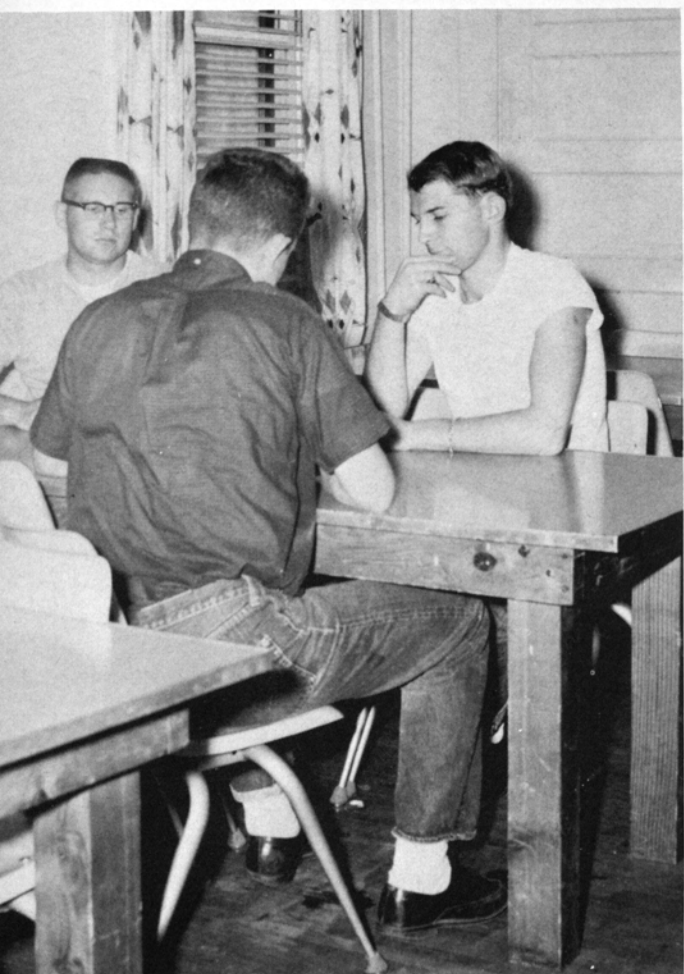
Weinel, Eckert, Alonge, Sirrutledge, Joslin, Erickson, Sutherland,
Hascall, Fisher, Myrick, Kolchinsky.



SIGMA TAU GAMMA



Sig Tau House.

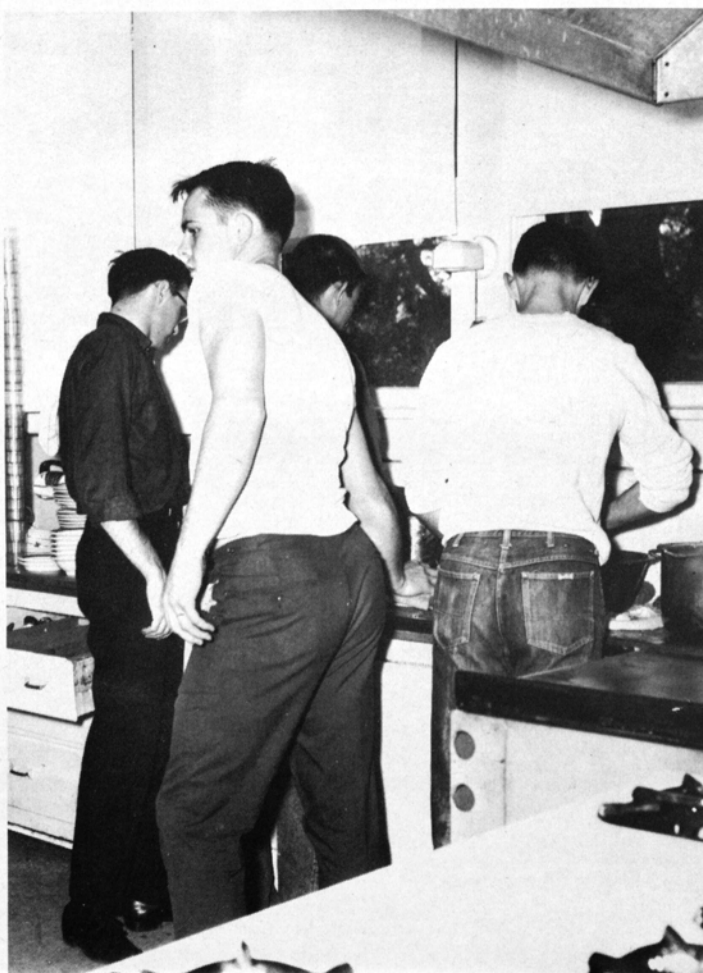


A card game follows a good meal.



FIRST ROW, LEFT TO RIGHT: Gerdes, Morgan, Ellison, Raglan (Treasurer), Schneider (President), Steeno (Vice-President), Sheet

A kitchen detail follows a good meal.





(Secretary), Kotys, Reynolds. SECOND ROW: Ray, Brown, Dunmire, Becker, Temper, Loeschner, Link, Baarent, Norman. THIRD ROW:

Randall, Bennett, Miller, Clarke, Ragland, Martinez, Uthe, Greek.

The scholastic, social and athletic endeavors of Sigma Tau Gamma have echoed this fraternity's activity on the School of Mines campus. The optimistic outlook of the men of Alpha Omega chapter has been a great factor in the building of campus prestige at Sigma Tau Gamma.

Outstanding party weekends of the year were the White Rose Banquet and Formal, the Valentine Party, and St. Pat's. The men of Sig Tau also enjoyed having a Christmas benefit party for some underprivileged children of Rolla.

Bob Temper "disagrees" with President Gene Schneider's point of view.

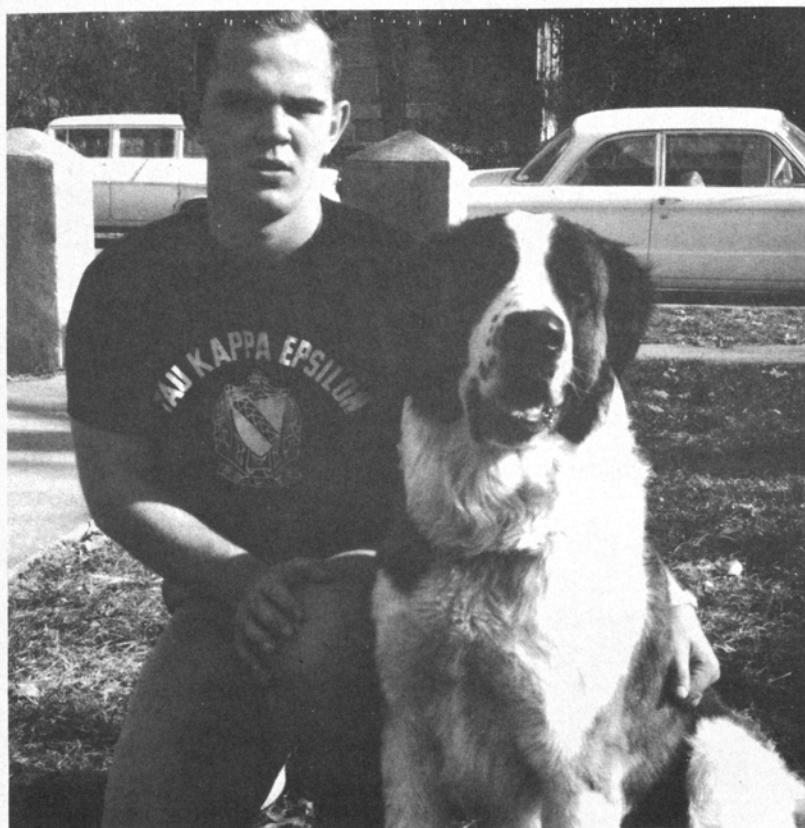


A wet welcome to 200 E. 12th.





Teke French Underground



Doug Hoeppner and friend King

FIRST ROW, LEFT TO RIGHT: Jensen, Wilson, Woodward, King Bruno, MacCrindle (Steward), Robertson (Secretary), Vaughn (Chaplain), Lundy, Marlow, Boone. SECOND ROW: Rudd, Lago,

Smith, Sobczak, Triplett, Breeding, Dew, Mier, Winget. THIRD ROW: Peck, Cassidy, Weaver, Leslie, Otto, Warner, Huber, Cook,



TAU KAPPA EPSILON

Beta Eta chapter of Tau Kappa Epsilon was founded in 1947 and since then has gained a strong position among the fraternities on campus.

Plans for a new chapter house were drawn, with the actual construction scheduled for March. With added living space and improved accommodations, the Tekes await the coming school year with high spirits and anticipation.



1107 State.

Mackie, Beal. **FOURTH ROW:** Downey, Hoepfner, Harlan, Wilkinson, Henry, Vonbehren, Heuser, Winters, Legger.



Teke Pledges.



"King" of the stairs.



FIRST ROW, LEFT TO RIGHT: Ayars, Williams, Carter, Henard, Bryant (Secretary), Coulter (President), Ellett (Vice-President), Johnson (Treasurer), Shermer (Steward), James. SECOND ROW:

Robb, Wilson, Brandenburg, Myslinski, Kreichelt, Whitehead, Canastar, McFadden, Hodge, Lebo, Jones, Stiff. THIRD ROW:



President vetoed by Pledges.



Theta Xi House.



zaranowski, Steib, Jones, Consoletti, Betz, Ryser, Jungers, Calder, Townsend, Elliott, Klauser.

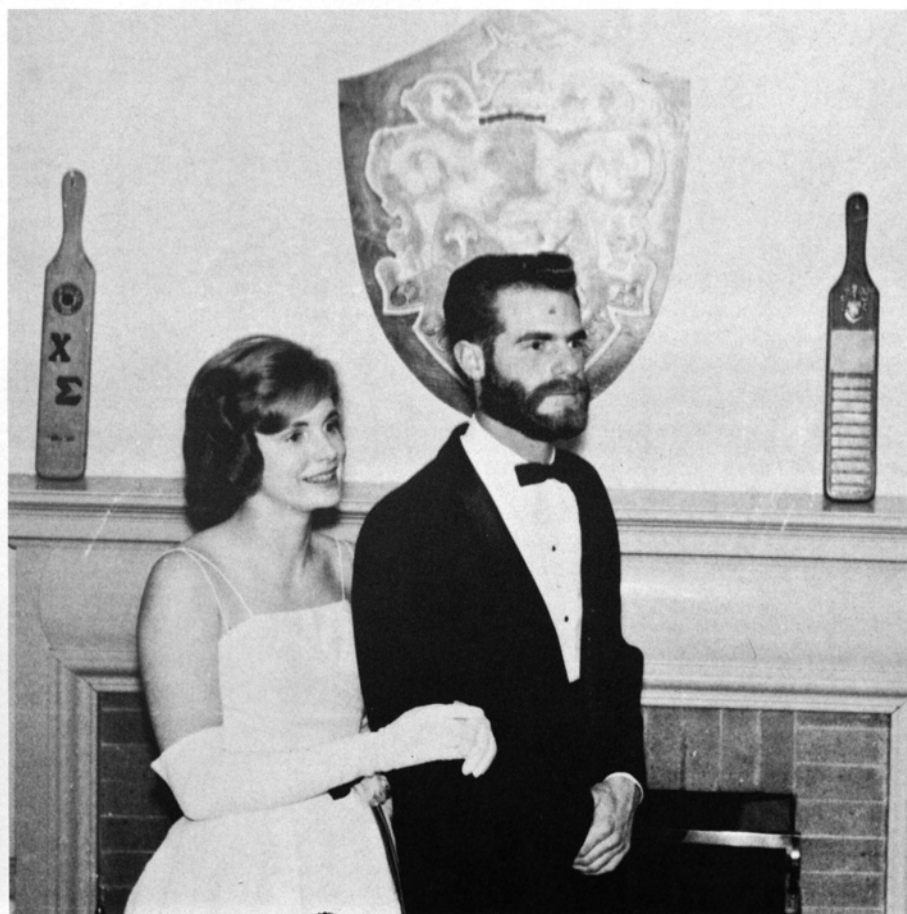


Study break led by Clyde Wilson.

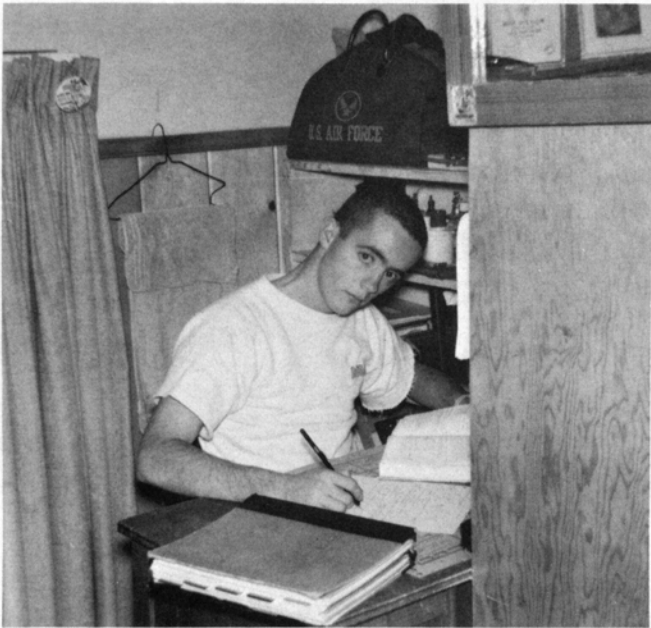
THETA XI

The oldest national fraternity on the Miner campus, Theta Xi, reached new heights of achievement this past year. The spirit of the men of Theta Xi made every undertaking a worthwhile and successful step in proving the fraternity's strength in Rolla.

Completing a plan for national expansion, Theta Xi recently initiated twenty-one new chapters through merger with Kappa Sigma Kappa Fraternity. This year the house participated in an aggressive intramural, social, and scholastic program with high hopes of advancement during the year.



Kathy Barrie, St. Pat's Queen Candidate, and escort Larry Ellet.



Study hours!



Triangle house

Triangle, a fraternity of engineers and scientists, was founded by sixteen civil engineers in 1907. The Missouri Mines chapter was installed in December of 1927. Since that time the chapter has participated in all scholastic, intramural, and social activities. Triangle intramural teams gave exceptional showings in cross-country and flag football. Triangle looks forward to continued success throughout the years.



Smith, Swearingen, and Simmons enjoying their Care Package.

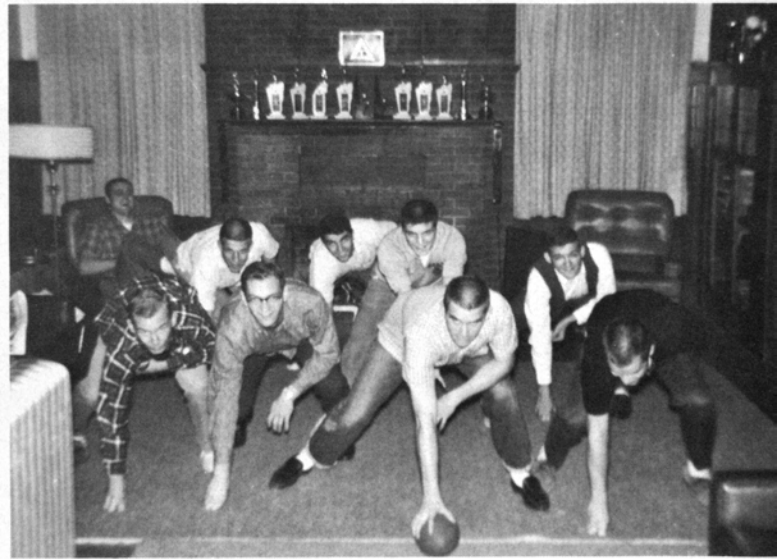
FIRST ROW, LEFT TO RIGHT: Harting, Sutton, Schuster, Grinshaw (Corresponding Secretary), Strunk (Recording Secretary), Ligo





Finishing touches for St. Pat's float.

TRIANGLE



Living Room Football.

President), Kornberger (Vice-President), Simmons, Stege, Mills.
SECOND ROW: Reeder, Hurter, DiPaolo, Mann, Taylor, Mugaverd,

Kempf, Suarez, Silipo, Schaefer. THIRD ROW: Stark, Solomon,
Leetch, Wooldridge, Baumgardner, Green, Stark, Smith, Koenig.





FIRST ROW, LEFT TO RIGHT: Allison, Shalton, Million (Treasurer), Told (President), Wink (Vice-President), Gerhardt, Ferguson. SECOND ROW: Boaz, Schaeffer, Meier, Housh, Jones, Terry,

McCane, Ligon. THIRD ROW: Strickler, Schmidt, Behring, Green, Uthe, Shermer, Hoeppner, Dierker.

INTERFRATERNITY COUNCIL

The purpose of the Intrafraternity Council is to promote harmonious relations between the public, the college, and the fraternities.

The IFC at MSM is composed of 32 members representing the 16 social fraternities on campus. Each fraternity elects a new member each year to serve on the Council for two years.

The IFC sponsors such events as the IFC Sing, Greek Week, and many other social and charitable functions.



Tracy Boyer presents first place IFC Sing trophy to Harry Silipo of Triangle.

Hugh McCane, IFC scholastic chairman, presents Pi Kappa Alpha the scholastic trophy for the Fall semester.





Mr. Paul T. Dowling, guest speaker at the first annual IFC banquet.



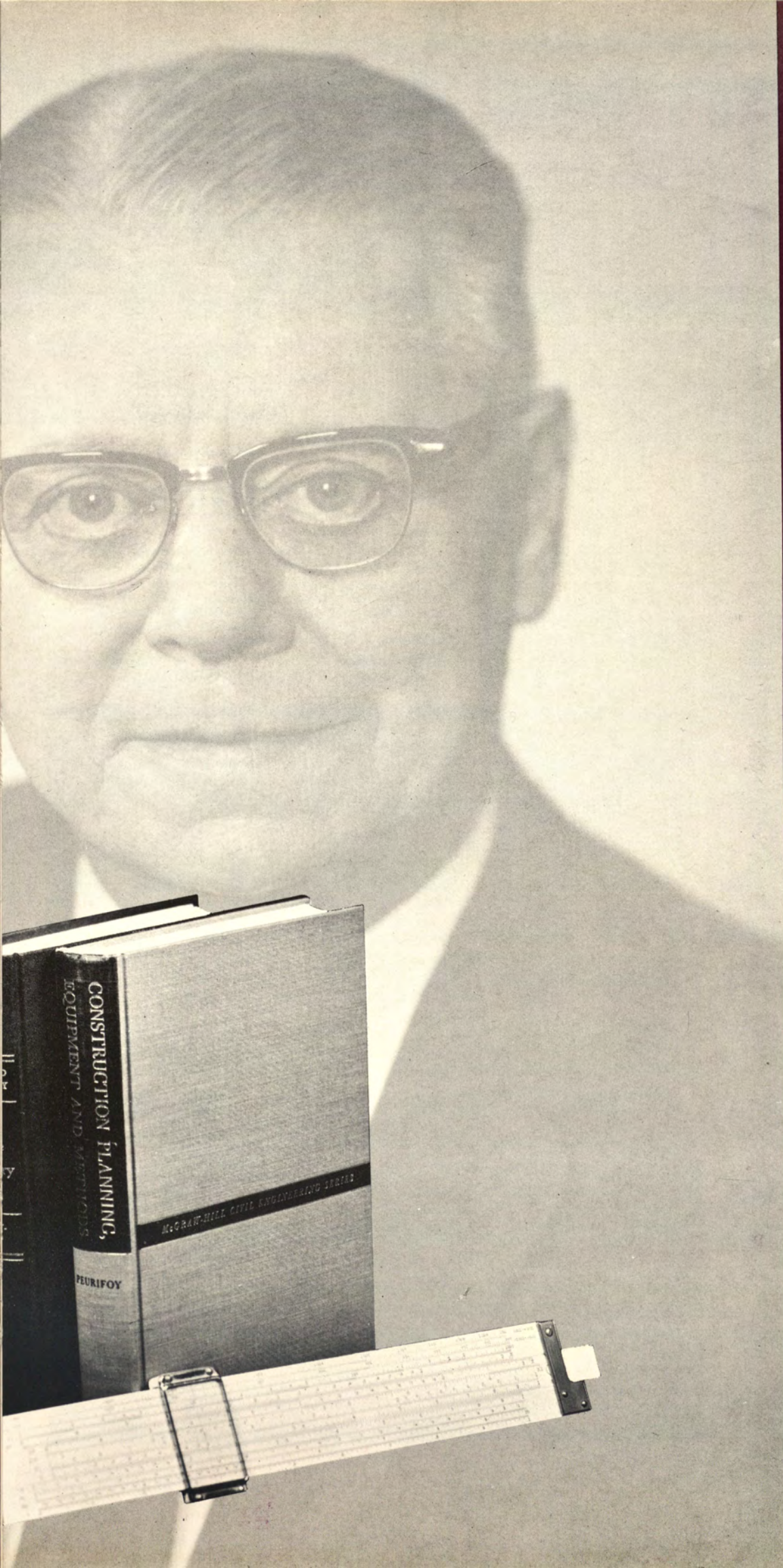
Dean Curtis Wilson bids farewell to all the fraternities at IFC banquet.

Interviewing Greek Week Queen Candidates.



President Doug Told presents Clint Clark, IFC Man of the Year, a plaque in memorandum.





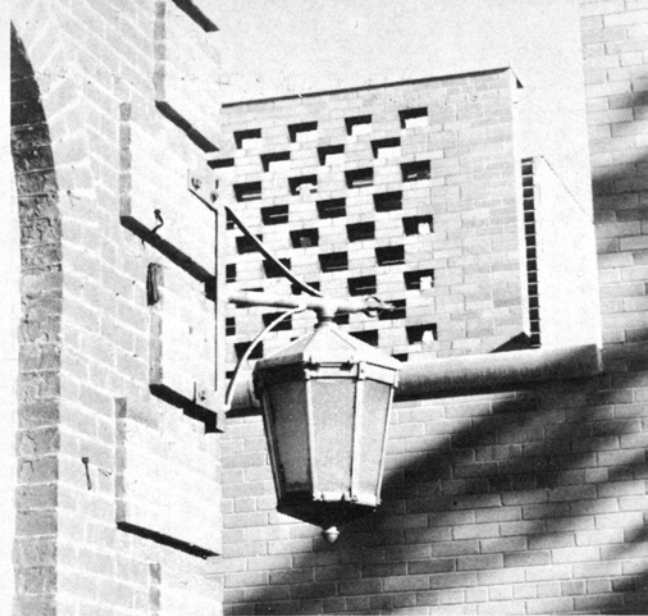
CLASSES

ABERNATHY, Larry G.—Ceramic Centralia, Ill.
 Lambda Chi Alpha; ASCE, President; Spelunker's Club; Illinois Mining Institute Scholarship; Co-op Garbison-Walker Ref. Co.; Honor List.

ABEL, Dan L.—CE Bland, Mo.
 Independents; Honor List.

ABKEMEIER, Kenneth A.—EE St. Louis, Mo.
 Phi Kappa Theta; Alpha Phi Omega; Blue Key; Newman Club; Miner Board; Rollamo Board, Sports Editor, Literary Editor, Business Manager; St. Pat's Board, President; Honor List; Rollamo Gold Key Award; Who's Who.

ACHENBACH, Gary D.—ChE Trenton, Mo.
 Independents; Tech Club; AIChE, Treasurer, President; Alpha Chi Sigma; Blue Key; Phi Kappa Phi; Tau Beta Pi; Baptist Student Union; Interfaith Council; Pershing Rifles; Curators Scholarship; Chicago Tribune Award; Red Fourragere; AIChE Sophomore Scholarship Award; Phi Kappa Phi Book Plate Award; Alpha Chi Sigma Award; American Society for Testing Materials Award; Gold Key; Honor List.



SENIOR CLASS



Adam, E. E.
 Adsit, J. M.
 Alexander, G. D.

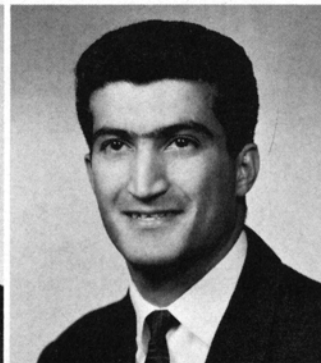
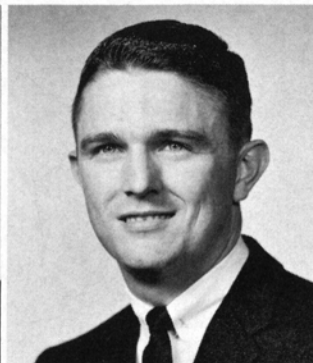
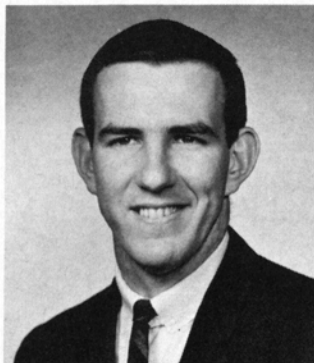
Adams, J. E.
 Ainsworth, J. H.
 Ali, M. A.

Adib, H.
 Albrecht, P. N.
 Allen, L. B.



Abernathy, L. G.
 Abkemeier, K. A.

Abel, D. L.
 Achenbach, G. D.



ADAM, Everett E. Jr.—CE Rolla, Mo.
 Lambda Chi Alpha; ASCE; Interfaith Council, Vice-President; Honor List.

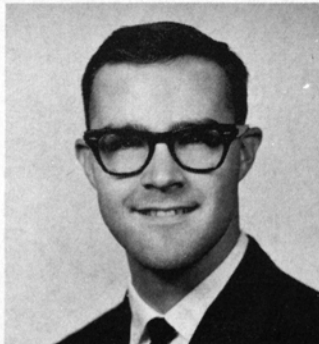
ADAMS, Joe E.—EE Nevada, Mo.
 Independents; Chi Alpha, Treasurer; Honor List; Engineer's Club.

ADIB, Hooshang—ME Ahwaz, Iran
 SAE; Transferred from Central Mo. State, Centralia Jr. College, University of Tennessee, Bradley University.

ADSIT, John M.—CE Whitewater, Wisc.
 Honor List.

AINSWORTH, John H.—Ceramics Delmonto, Penn.
 Independents ACS; Honor List; Pennsylvania Glass Sand Corporation Scholarship; Engineer's Club.

ALBRECHT, Paul N.—EE Chesterfield, Mo.
 Kappa Sigma; AIEE-IRE; Honor List.



ALEXANDER, George D.—EE Jefferson City, Mo.
MRHA, Secretary, Treasurer; Shamrock Club; AIEE-IRE; Phi Kappa Phi; Eta Kappa Nu, President; Tau Beta Pi; UCCF; Phi Kappa Phi Book Plate; Honor List; Gold Key.

ALI, Mohmed A.—Mining Washington, D. C.
Independents; Fifty-Niner's Club; AIME; Organization of Arab Students; International Fellowship.

ALLEN, Louis B.—Physics Savannah, Mo.
Independents; AIEE-IRE; American Institute of Physics; Kappa Mu Epsilon; Wesley Foundation; Spelunker's Club; Radio Club; Harry H. Kessler Scholarship; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate; Cross Country; Silver Key; Sigma Pi Sigma; National Science Foundation Research Program Award.

ALLISON, James S.—Met Paducah, Ky.
Phi Alpha; Sigma Alpha Epsilon; BSU; St. Pat's Board, Interfraternity Council; "M" Club; Honor List; Golf.

ANDERSON, George C.—ME Joplin, Mo.
Chi Alpha; Wesley Foundation.

ANDERSON, Roger D.—ME St. Louis, Mo.
Kappa Sigma.

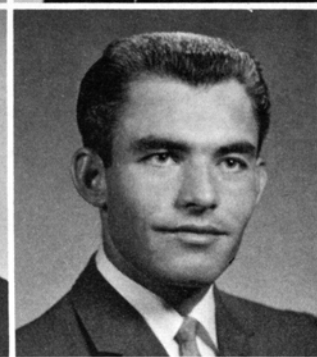
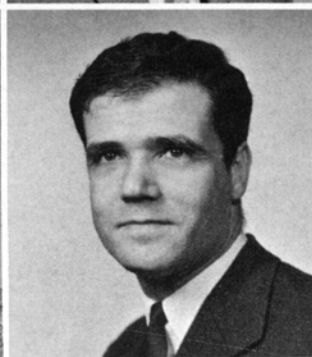
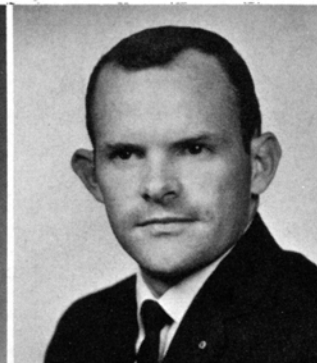
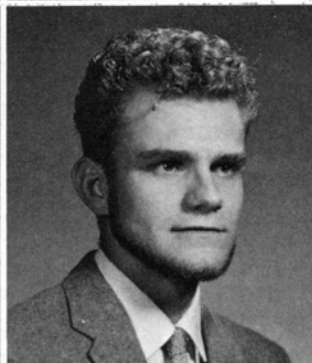
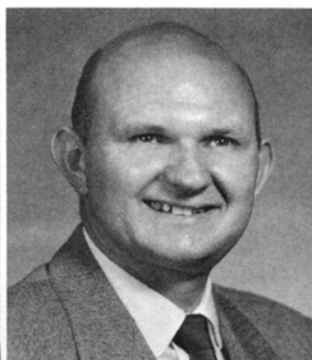
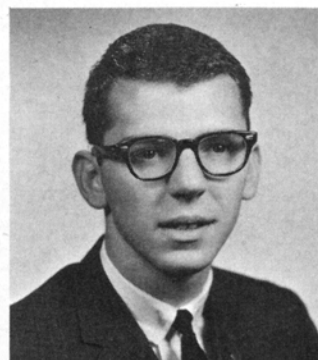
AREVALO, Alexis J.—ME Punto Fijo, Venezuela
International Fellowship; Socony Mobil Oil Scholarship.

ARMENT, Maynard L.—Met-Nuclear Keytesville, Mo.
Independents; Engineer's Club; AIME; ASM; Nuclear Engineering Society; Alpha Sigma Mu; Tau Beta Pi, Alpha Sigma Mu; Honor List; Foundry Educational Foundation Scholarship; Curators Scholarship; Phi Kappa Phi Book Plate; Dow Chemical Company Scholarship; Gold Key.

ARMS, Robert L.—CE Maryville, Mo.
Transferred from Northwest Mo. State College.

ARNOLD, Charles G.—Met Springfield, Mo.
Sigma Phi Epsilon; AIME; ASM; Alpha Phi Omega; Honor List; Co-op Union Carbide Nuclear Co.

ARYAN, Ghazi A.—Mining Jerusalem, Jordan
Fifty-Niner's Club; Organization of Arab Students; Transferred from Wayne State University.



Allison, J. S.
Arevalo, A. J.
Arnold, C. G.

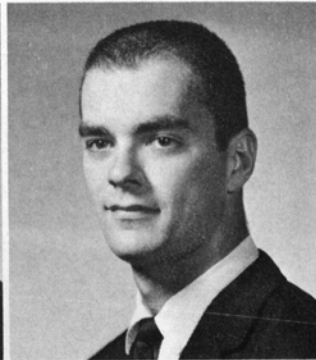
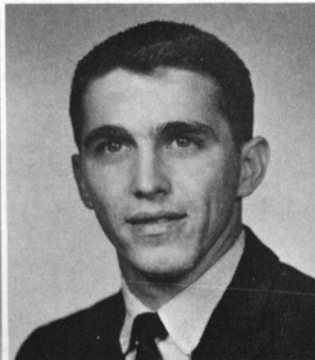
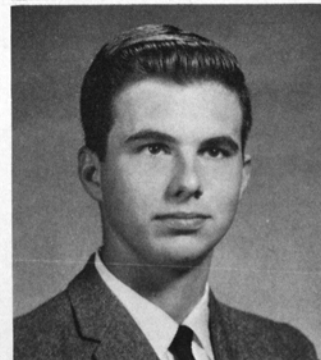
Anderson, G. C.
Arment, M. L.
Aryan, G. A.

Anderson, R. D.
Arms, R. L.
Aslin, C. F.

Aubrecht, L. J.
Balsman, W. F.

Bagley, R. P.
Baluha, G. F.

Bailey, D. E.
Barber, M. T.



ASLIN, Charles F.—Pet Bloomfield, Mo.
Independents; AIME, President, Secretary.

AUBRECHT, Ladimir J.—ME Edwardsville, Ill.
Independents; Tech. Club; ASME; SAE; Alpha Phi Omega; Student Council, Rollamo Board.

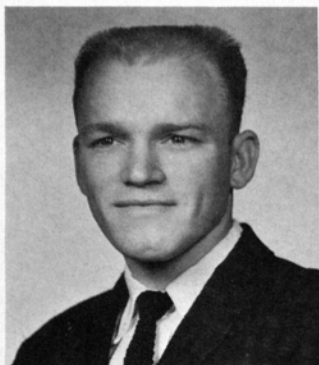
BAGLEY, Ronald P.—CE Peoria, Ill.
Triangle; Rollamo Board; Honor List; Fifty-Niner's Club.

BAILEY, David E.—EE Benton, Ill.
Lambda Chi Alpha, Treasurer; BSU.

BALSMAN, Wayne F.—EE Perryville, Mo.
Independents; Newman Club; IRE; Prospector's Club.

BALUHA, Gerald F.—Met-Nuclear Colonia, New Jersey
Lambda Chi Alpha; Independents; AIME; Rollamo Board; Student Union Fund Raising Comm.

BARBER, Malcolm T.—ME St. Louis, Mo.
Kappa Sigma; Theta Tau; Student Council; Honor List; "M" Club; Swimming; AFS.



BARCLAY, Dannie C.—ME
ASME.

Goodman, Mo.

BARAMORE, James J.—EE
Independents; AIEE-IRE, President; Outstanding Junior Award; Tau Beta Pi; Eta Kappa Nu; Student Union Games Comm.; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; Radio Club, Secretary, Treasurer; Fifty-Niner's Club; Engineer's Club.

Shrewsbury, Mo.

BARGER, James—Physics
Independents; ASChE; Fifty-Niner's.

Waldwick, New Jersey

BARNETT, Eugene H.—EE
Independents; IREE-IRE; Pershing Rifles; Prospector's Club; Curators Scholarship.

Mehlville, Mo.

BARTEL, Donald S.—ME
Independents; Shamrock Club; AIEE-IRE; MSM Band; ROTC Band.

Sullivan, Mo.

BARTELS, Kent W.—EE
Shamrock Club; AIEE-IRE; Curators Scholarship; Honor List; Co-op McDonnell Aircraft Corp.

Overland, Mo.



Barclay, D. C.
Barnett, E. H.

Baramore, J. J.
Bartel, D. S.

Barger, J.
Bartels, K. W.

Bartlett, R. E.
Bass, O. E.

Bartling, D. L.
Bassin, R. L.

Bascue, E. A.
Baughner, C. R.

BARTLETT, Ronald E.—ME
Kappa Alpha; ASME; AICHe; Curators Scholarship; Honors List.

Richmond, Mo.

BARTLING, Donald L.—EE
Shamrock Club; Tau Beta Pi; Honor List.

Carl Junction, Mo.

BASCUE, Errol A.—Met
Sigma Pi; ASM; Sigma Gamma Epsilon, Corresponding Secretary; Alpha Sigma Mu; Honor List.

Whitehall, New York

BASS, Oral E.—Met
Lambda Chi Alpha; Fifty-Niner's Club; AIEE-IRE; Engineer's Club; Glee Club; Pershing Rifles; Curators Scholarship; Honor List.

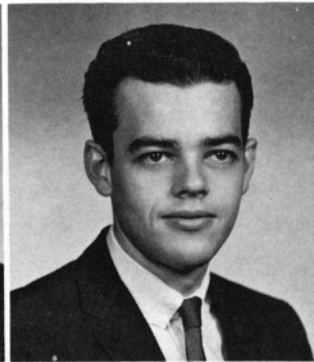
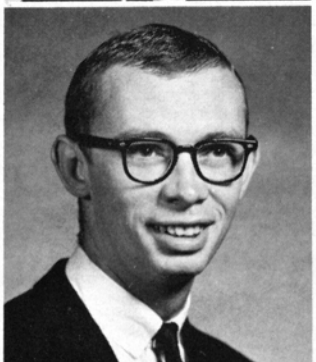
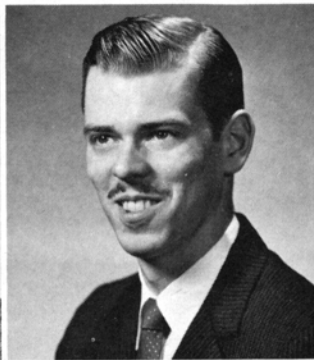
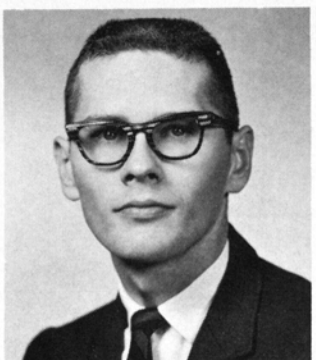
Louisiana, Mo.

BASSIN, Ronald L.—EE
Independents; Fifty-Niner's Club; AIEE-IRE.

East St. Louis, Ill.

BAUGHER, Charles R.—Physics
Independents; Fifty-Niner's Club; SAME; American Institute of Physics; UCCF; ARS; ROTC Band; Spelunker's Club; Honor List.

Neosho, Mo.



Bauman, C. H.
Baumgardner, J. D.
Beardslee, H. M.



SENIOR CLASS

BAUMAN, Conrad H.—CE Eugene, Mo.
Independents; ASME; ASCE; Prospector's Club.

BAUMGARDNER, John D.—Physics East St. Louis, Ill.
Triangle, Treasurer American Institute of Physics; Sigma Pi Sigma; Kappa Mu Epsilon; Rollamo Board; Phi Kappa Phi Book Plate Award; Honor List; Distinguished Military Student Award; Co-op McDonnell Aircraft Corp.

BEARDSLEE, Harold M.—ME Detroit, Mich.
Kappa Alpha, President, Treasurer; ASME; SAE; Student Union Dance Comm.; Student Council; Miner Board; Chicago Tribune Award; Distinguished Military Student Award.

BECHER, Paul F.—Met Oak Ridge, Tenn.
Sigma Pi, President; ASM; AFS; Theta Tau; St. Pat's Board; Honor List; Co-op Bell Helicopter.

BECHER, William E.—ME St. Louis, Mo.
Sigma Tau Gamma, Vice-President; AICHE; SAME; ACS.

BECKER, Charles P.—Met Fenton, Mo.
Kappa Sigma, President, Treasurer; AIME; AFS, Secretary-Treasurer; Theta Tau; Alpha Sigma Mu; Blue Key, Corresponding Secretary; Miner Board; Student Union Board; St. Pat's Board; Curators Scholarship; Honor List; Silver Key; Who's Who; Distinguished Military Student Award.

BECKLEY, Tommie R.—CE Jerico Springs, Mo.
Independents; Prospector's Club; SAME; ASCE; Military Ball Board.

BELL, Lyndall K.—ME Maplewood, Mo.
Pi Kappa Alpha; ASME; Rollamo Board.

BENIGNO, Joseph O.—EE Poughkeepsie, N.Y.
Honor List; Transferred from Dutchess Community College.

BENN, Edward—Met-Nuclear Mahanoy City, Penn.
Independents; Engineer's Club; MRHA Judicial Board; AIME; Nuclear Engineering Society, Vice-President; Student Council; Glee Club; Honor List; Glee Club Lapel Button Award; Transferred from Lafayette College.

BENTLEY, James R.—CE West Plains, Mo.
Independents; Tech Club; ASCE; Curators Scholarship; Honor List; Co-op Missouri State Highway.

BENZ, Wayne G.—Math Maplewood, Mo.
Acacia; Theta Tau; St. Pat's Board; Student Council; ARS.

BETTS, Bruce A.—Met-Nuclear Ferguson, Mo.
Prospector's Club; Nuclear Engineering Society; BSU; Transferred from Southwest Baptist College.

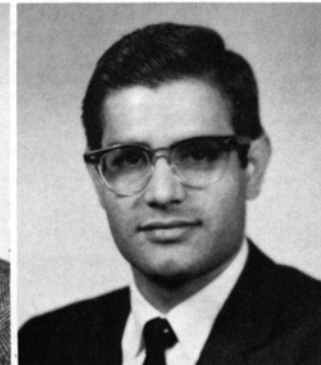
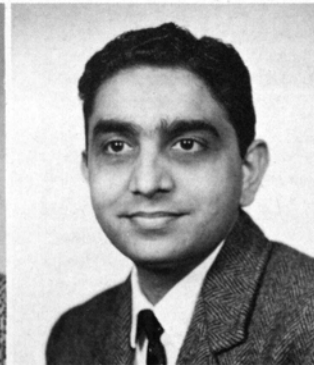
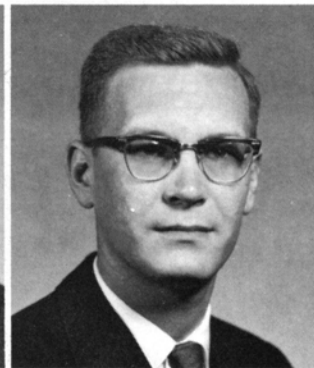
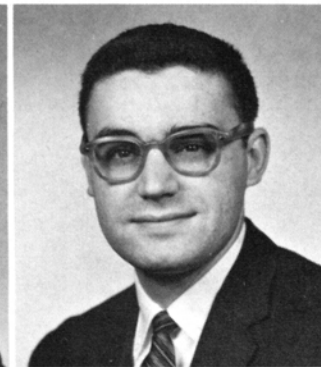
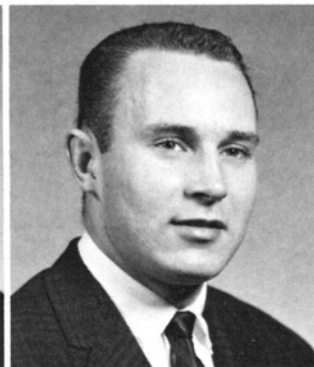
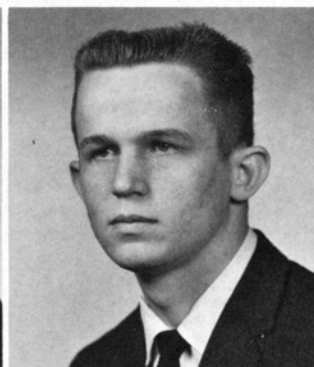
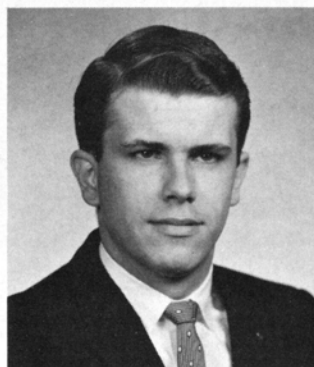
BHATT, Pramodrai J.—ChE Surat, Gujarat
AIChE; India Assoc.

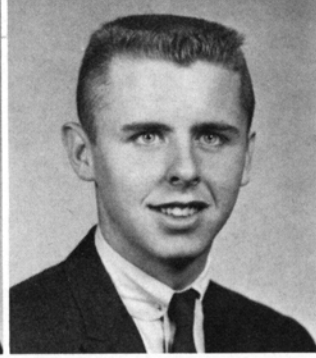
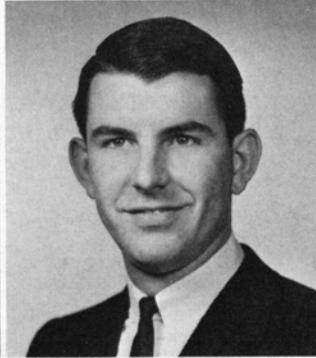
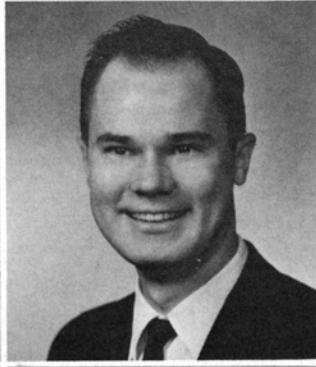
BHATTACHARYA, Himadri—ChE Jal Paiguri, W. Bengal
AIChE; International Fellowship, India Assoc.

Becher, P. F.
Beckley, T. R.
Benn, E.
Betts, B. A.

Becher, W. E.
Bell, L. K.
Bentley, J. R.
Bhatt, P. J.

Becker, C. P.
Benigno, J. O.
Benz, W. G.
Bhattacharya, H.





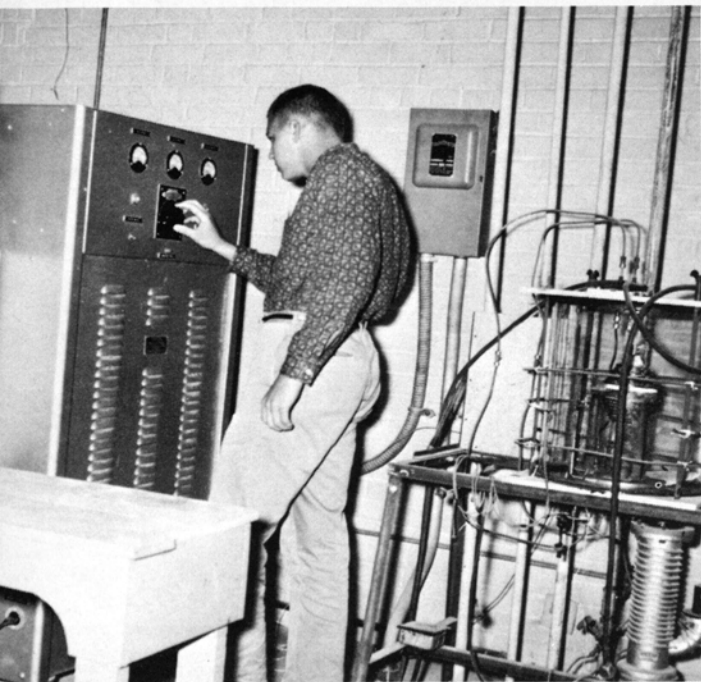
Bingaman, T. B.
Bosnak, J. S.

Blumenberg, W. E.
Bosnak, L. L.

Bogard, J. H.
Bounds, D. R.

Boling, H. O.
Bowman, M. W.

Borger, L. A.
Boyer, T. R.



SENIOR CLASS

BINGAMAN, Terry B.—Met Shillington, Penn.
AIME; ASM; Honor List; Transferred from Bridgewater College.

BLUMENBERG, Wayne E.—ChE Farmington, Mo.
Fifty-Niner's Club; AICHE; SAME; Tau Beta Pi; Curators Scholarship; Monsanto Chemical Company Scholarship; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; St. Joseph Lead Scholarship.

BOGARD, Joseph H.—EE St. Louis, Mo.
Kappa Sigma; AIEEE-IRE; Theta Tau; Student Union Board; Honor List; Phi Kappa Phi Book Plate Award.

BOLING, Harry O.—EE Kansas City, Mo.
Honor List.

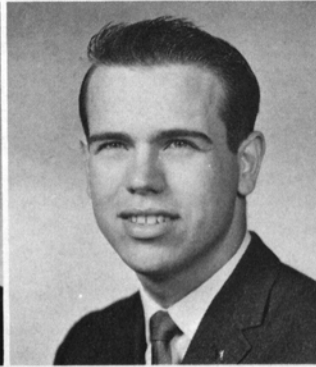
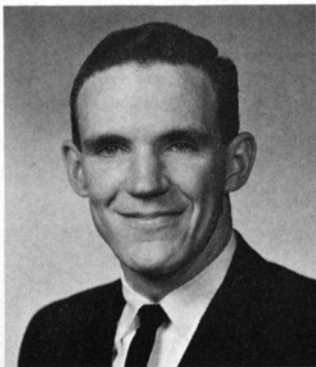
BORGER, Lawrence A.—ME Carbondale, Ill.
Independents; Engineer's Club; BSU; MSM Band; ARS; Transferred from Southern Illinois University.

BOSNAK, John S.—Physics Alton, Ill.
Tech Club; American Institute of Physics; Alpha Chi Sigma; Sigma Pi Sigma; Tau Beta Pi; Kappa Mu Epsilon, Treasurer; Basketball; "M" Club; Honor List; Red Fourrague; Phi Kappa Phi Book Plate Award; Gold Key.

BOSNAK, Laura L.—Physics Lamar, Mo.
SWE; American Institute of Physics; Wesley Foundation, Secretary; Curators Scholarship; National Merit Scholarship; Honor List.

BOUNDS, Donald R.—EE Palmyra, Mo.
Delta Sigma Phi; AIEEE-IRE; Wesley Foundation; MSM Band; Curators Scholarship.

BOWMAN, Michael W.—Chem Springfield, Mo.
Sigma Phi Epsilon; AICHE; Alpha Phi Omega; Transferred from Drury College.



Brady, S. D.

Bramon, T. H.

Bridegroom, W. E.

BOYER, Track R.—ME Ferguson, Mo.
Kappa Alpha; ASME; Theta Tau; Newman Club; Miner Board;
IFC, Vice-President; Curators Scholarship; Honor List; Carter
United Club Scholarship.

BRADY, Sherman D.—ChE Kansas City, Mo.
Phi Alpha, Vice-President; Prospector's Club; AIChE, Vice-
President; Alpha Phi Omega; Theta Tau; Cross Country; Track; "M"
Club; Liahona Fellowship, Vice-President.

BRAMON, Thomas H.—ME Auxvasse, Mo.
ASME; Honor List.

BRIDEGROOM, William E.—EE St. Louis, Mo.
Independents; Shamrock Club; AIEE; Interfaith Council; Newman
Club, Secretary.

BRIDGES, Walter R.—CE Granby, Mo.
ASCE; Chi Epsilon, President; Wesley Foundation; Honor List;
Enoch Needles Scholarship; Transferred from Joplin Junior
College.

BRITTON, Jerry A.—CE Kansas City, Mo.
Sigma Nu; ASCE; Curators Scholarship.

BROCK, Van W.—Math St. Ann, Mo.
MRHA; Kappa Mu Epsilon; Honor List; Phi Kappa Phi Book
Plate Award.

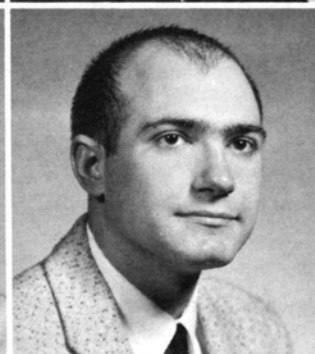
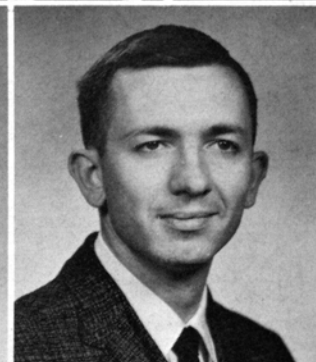
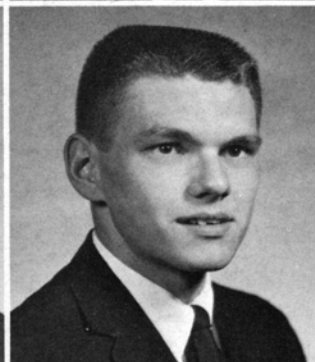
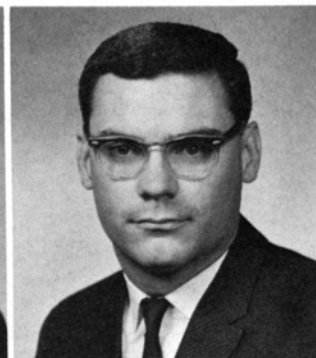
BROCKMANN, Richard W.—ChE Springfield, Mo.
Independents; Shamrock Club; Alpha Chi Sigma; Gamma Delta,
President; Curators Scholarship; Honor List.

BROOKS, Howard B.—ME University City, Mo.
Independents; Fifty-Niner's; SAE; Tau Beta Pi; Pershing Rifles;
Honor List; Phi Kappa Phi Book Plate Award; Co-op McDonnell
Aircraft Corp.

BROST, Fred B.—Mining Independence, Mo.
GDI; AIME; Delta Sigma Phi; Miner Board; Sigma Gamma Epsi-
lon, President; Tau Beta Pi; Spelunker's Club; SEG; Honor List;
Gold Key; American Smelting and Refining Company Scholar-
ship; Transferred from Orange Coast College; Distinguished Mili-
tary Student.

BROWN, Curtis C.—ME Carthage, Mo.
Independents; Prospector's Club; SAE; ASME; Transferred from
Joplin Junior College.

BROWN, Dallas L.—CE Lilbourn, Mo.
Independents; Shamrock Club; BSU; Curators Scholarship; Honor
List; Co-op Missouri Highway.



Bridges, W. R.
Broockmann, R. W.
Brown, C. C.

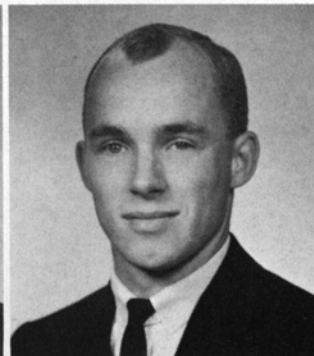
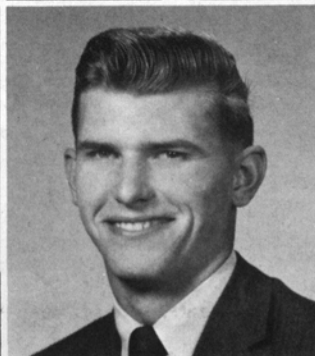
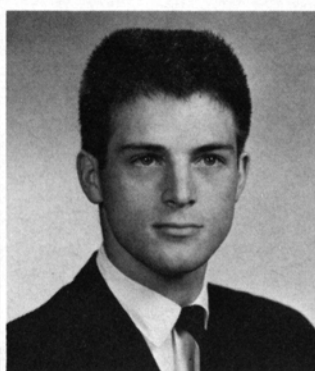
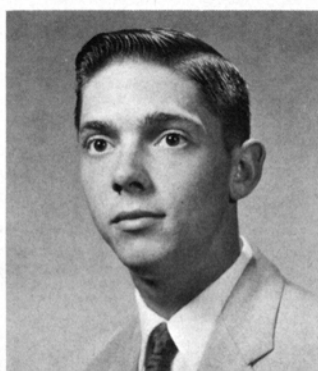
Britton, J. A.
Brooks, H. B.
Brown, D. L.

Brock, V. W.
Brost, F. B.
Brown, G. M.

Brown, J. L.

Brown, J. W.

Brown, P.



Brown, R. L.

Brown, T. O.

Brunjes, F. E.

BROWN, Glenn M.—CE Marshfield, Mo.
Independents; ASCE.

BROWN, James L.—EE Belton, Mo.
Independents; Fifty-Niner's Club; Spelunker's Club; C. L. Dake
Society; Curators Scholarship.

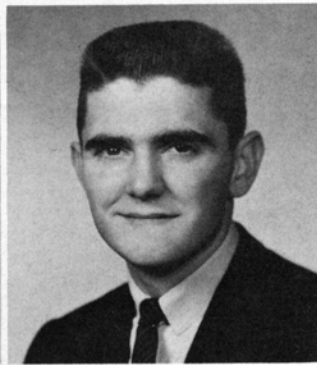
BROWN, John W.—Mining Jenkins, Mo.
Sigma Tau Gamma; ASME; Tau Beta Pi; St. Pat's Board; "M"
Club; Curators Scholarship; Honor List; Outstanding Freshman
of 1959-1960 Phi Kappa Phi Book Plate Award; Steinmesch
Award; Gold Key; American Smelting and Refining Company
Scholarship; Superior Cadet Award.

BROWN, Paul Jr.—CE Jackson, Mo.
Independents; Fifty-Niner's Club; ASCE; Curators Scholarship.

BROWN, Richard L.—ME St. Louis, Mo.
ASME; SEG; Transferred from Washington University.

BROWN, Timothy O.—Mining Fairfield, Mo.
Tau Kappa Epsilon; AIME, Treasurer; Alpha Phi Omega; C. L.
Dake Society.

BRUNJES, Franklin E.—CE Villa Ridge, Mo.
Independents; Tech Club; Chi Epsilon, Treasurer; Tau Beta Pi;
Newman Club; Student Council; St. Pat's Board; Student Union
Board; Honor List; Curators Scholarship; Phi Kappa Phi Book
Plate Award; Gold Key.



BRUNS, Martin T.—EE Kansas City, Mo.
Independents; Prospector's Club; Student Council; St. Pat's Board;
Honor List.

BRYANT, Henry W.—ChE Crystal City, Mo.
Independents; Shamrock Club.

BRYANT, William S.—CE Beatrice, Neb.
Kappa Alpha; ASCE; AICHE; Canterbury Club; Transferred from
Wentworth Military College.



BRYSON, Thomas E.—ME Salem, Mo.
Sigma Nu; ASME; Honor List.

BUAPRASERT, Boonchuay—Mining Bangkok, Thailand
AIME; Honor List.

Bruns, M. T.
Bryson, T. E.

Bryant, H. W.
Buaprasert, B.

Bryant, W. S.
Buck, R. L.

Buecher, R. W.
Busby, M. L.
Cage, K. L.

Burton, J. D.
Bush, W. A.
Campbell, C. E.

Burton, R. R.
Butcher, J. W.
Carnes, R. O.

BUCK, Richard L.—ChE Lebanon, Mo.
Independents; Engineer's Club; AICHE; Honor List.

BUECHER, Roger W.—Physics Belleville, Ill.
American Institute of Physics; Sigma Pi Sigma; Track.

BURTON, Joe D.—ME Steele, Mo.
SAE; ASME; BSU; Honor List; Co-op Burno & McDonnell En-
gineering Co.

BURTON, Robert R.—ME Kirkwood, Mo.
Independents; Fifty-Niner's Club; Newman Club; SAE.

BUSBY, Melvin L.—EE Rushville, Ill.
Independents; Fifty-Niner's Club; AIEE; Transferred from West-
ern Illinois College.

BUSH, William A.—ChE Eureka, Mo.
Kappa Sigma; AICHE; Curator Scholarship.

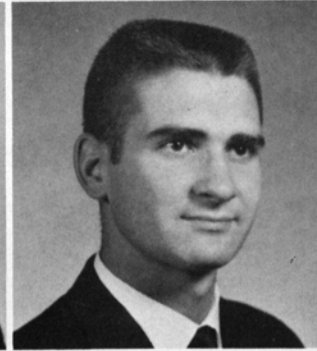
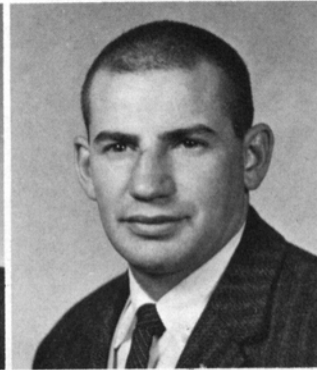
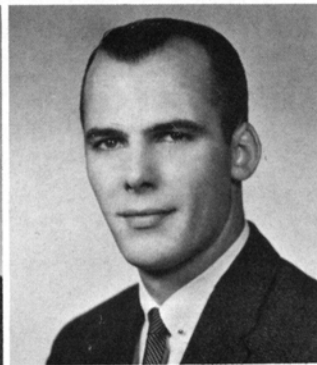
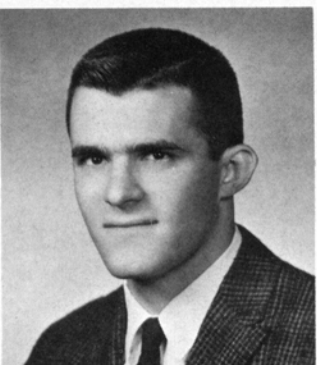
BUTCHER, James W.—CE Berwyn, Ill.
Sigma Nu, Treasurer, President; ASCE; SAME; Student Council,
Treasurer; Student Union Budget Comm.; Transferred from J. S.
Morton Junior College.

CAGE, Kenneth L.—ME Crystal City, Mo.
Lambda Chi Alpha; Theta Tau, Secretary; Honor List; Pi Tau
Sigma; Phi Kappa Phi; Football; "M" Club; Spelunker's Club.

CAMPBELL, Charles E.—Met Dixon, Ill.
Tech Club; Fifty-Niner's Club; Independents; Vice-President;
ASM; Military Ball Board; Inter Co-op Council; AFS; Honor
List; UCCF.

CARNES, Ross O.—Physics Cameron, Mo.
Tech Club; American Institute of Physics; Tau Beta Pi; Kappa
Mu Epsilon; Sigma Pi Sigma; ROTC Band; Honor List; Phi
Kappa Phi.

CARPANI, Anton J.—Met Benld, Ill.
Tech Club; Independents; ASM.



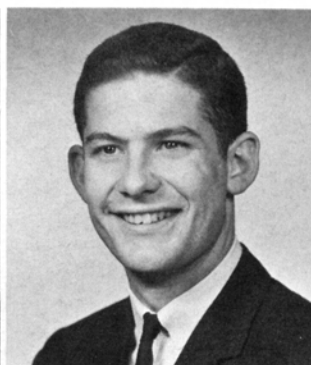
CARRIERE, Scott H.—ME St. Louis, Mo.
Pi Kappa Alpha, Secretary, President; ASME; ARS; Alpha Phi Omega; Theta Tau; Rollamo Board; Miner Board; AFS Honor List; Silver Key.

CARTER, John M.—EE St. Louis, Mo.
Theta Xi; Shamrock Club; SAE; Photo Club; Radio Club; Rifle Team.

CEBE, Jerry F.—ChE Wellston, Mo.
Shamrock Club; Independents; AICHe; Honor List.

CHAFFIN, Lane C.—ME Rogersville, Mo.
Fifty-Niner's Club; ASME; SAE; Honor List; Transferred from University of Wichita; Spelunker's Club; Co-op Harbeson-Walker Ref. Co.; Co-op U.S. Naval Weapons Lab.

Carpani, A. J.
Cebe, J. F.



Carriere, S. H.
Chaffin, L. C.

Carter, J. M.
Chapin, R. A.

SENIOR CLASS



CHAPIN, Roger A.—Math
Kappa Alpha; AICHe; ARS; ROTC Band.

St. Louis, Mo.

CHEN, Chung-Ying—Chem.
Shamrock Club; Honor List.

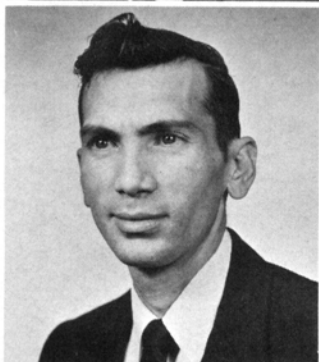
Taiwan, China

CHRISMAN, James W.—Math
Kappa Mu Epsilon; Student Council; W. T. Schrenk Chemical Society; Honor List.

Poplar Bluff, Mo.

CHURCH, Jerry W.—CE
Acacia; ASCE; Wesley Foundation; Photo Club; Pershing Rifles; Honor List.

Taylorville, Ill.



Chen C.
Church, R.

Chrisman, J. W.
Clark, C. A.

Church J. W.
Clark, D. A.

CHURCH, Robert, Jr.—EE Cape Girardeau, Mo.
AIEE.

CLARK, Clinton A.—Met Ellisville, Mo.
Kappa Sigma, Vice-President; AIME; AICHe; ASM, Secretary, President; Alpha Chi Epsilon; Alpha Epsilon Mu, President; Blue Key; Tau Beta Pi; Newman Club; Student Union Game Comm., Chairman; Student Council, President; Phi Kappa Phi; Honor List; Who's Who; Gold Key.

CLARK, Dennis A.—Mining Chicago, Ill.
MRHA, Secretary; Newman Club; Honor List.



CLEMENTS, John L.—EE Gallatin, Mo.
Delta Sigma Phi; IRE; Eta Kappa Nu; Tau Beta Pi; National Merit Scholarship; Phi Kappa Phi Book Plate Award; Honor List, Gold Key.

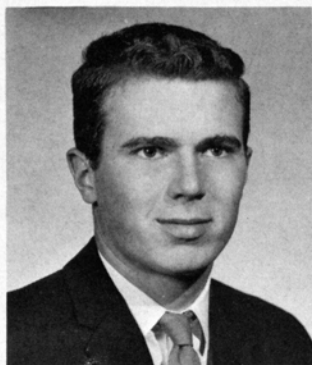
CLIPPARD, Fred B.—Chem Jackson, Mo.
Independents; Fifty-Niner's Club; Tau Beta Pi; Baptist Student Union; W. T. Schrenk Chemical Society; Curators Scholarship; Honor List; Phi Kappa Phi; Gold Key.

CLOSE, Maxwell L.—EE Carterville, Mo.
Independents; MRHA; Kappa Kappa Psi; Military Ball Board; MSM Band; ROTC Band.

COBB, Raymond P.—ME Brentwood, Mo.
Independents; Fifty-Niner's Club; AIEE; SAE; ASME; Rollamo; Honor List.



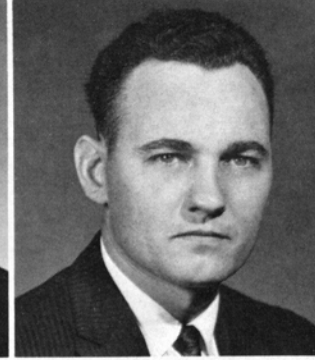
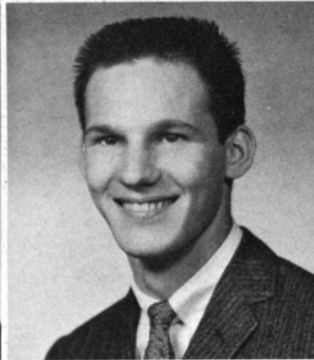
SENIOR CLASS



Coffman, R. M.
Consoletti, J. J.
Cottin, D. J.

Colantuono, W. R.
Cornell, W. A.
Couse, G. A.

Collins, C. W.
Cortelyou, A. L.
Cowperthwaite, R. L.



Clements, J. L.
Close, M. L.

Clippard, F. B.
Cobb, R. P.

COFFMAN, Robert M.—CE Kansas City, Mo.
Independents; Fifty-Niner's Club; Tech Club; ASCE.

COLANTUONO, William R.—Met Long Island, N.Y.
MRHA, Vice-President; Fifty-Niner's Club; AIME; ASM.

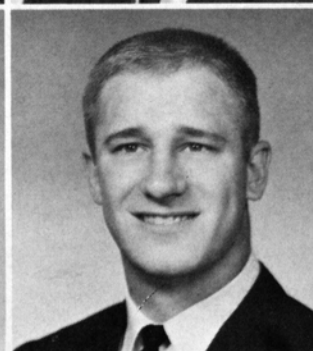
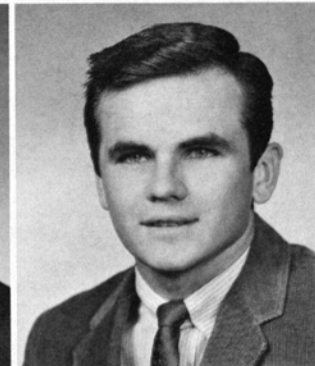
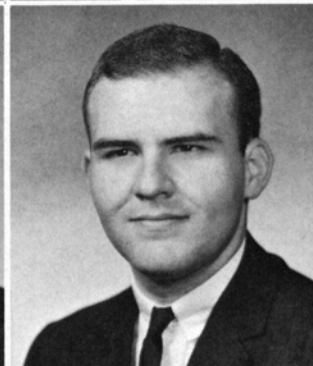
COLLINS, Clyde W.—EE Dupu, Ill.
Independents; Engineer's Club; AIEE-IRE; Baptist Student Union; Honor List; Inter Co-op Council.

CONSOLETTI, Joseph J.—Met Milford, Mass.
Theta Xi; AFS; ASME; Newman Club; Canterbury Club.

CORNELL, William A.—ME Lemay, Mo.
Phi Alpha; Alpha Phi Omega; Rollamo Board; Curators Scholarship Honor List.

CORTELYOU, Abram L.—CE Troy, Mo.
Independents; Tech Club; Co-op Mo. State Highway.

COTTIN, Daniel J.—CE St. Louis, Mo.
Independents; Fifty-Niner's Club; ASCE; Newman Club.



COUSE, Gary A.—CE St. Louis, Mo.
Independents; Tech Club; SAME; ASCE; Alpha Phi Omega;
Newman Club; Football.

COWPERTHWAIT, Ronald L.—Physics Eldridge, Mo.
Independents; Engineer's Club; Sigma Gamma Epsilon; Kappa
Mu Epsilon; Sigma Pi Sigma; Lura and George Easley Scholar-
ship; Curators Scholarship; Honor List; Co-op Union Carbide
Nuclear Co.; Phi Kappa Phi Book Award; Silver Key.

COX, David L.—CE Kirkwood, Mo.
Pi Kappa Alpha; ASCE; Alpha Phi Omega; Miner Board; Rollamo
Board.

CRADER, Harold W.—ME Painton, Mo.
Delta Sigma Phi; ASME; SAE.

CRAWFORD, Jack L.—EE Kansas City, Mo.
Independents; Fifty-Niner's Club; AIEE; Honor List; Transferred
from University of Denver and Park College.

CRENSHAW, Reuben L.—EE St. Louis, Mo.
Independents; Shamrock Club; Chi Alpha; Honor List; Co-op
McDonnell Aircraft; Cross Country; Transferred from Harris
Teachers College.

CROSNOE, Clifford W.—CE Cape Girardeau, Mo.
Pi Kappa Alpha; ASCE; BSU; Rollamo Board; Transferred from
Southeast Mo. State College.

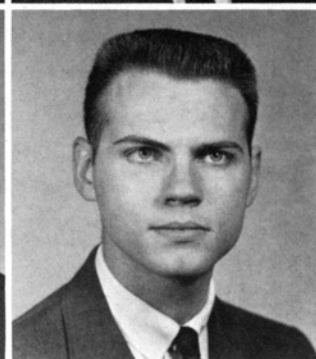
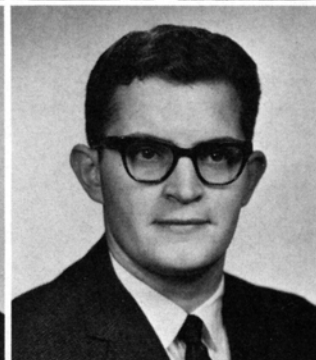
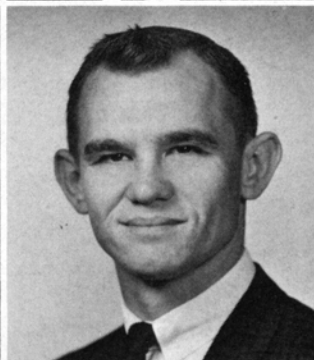
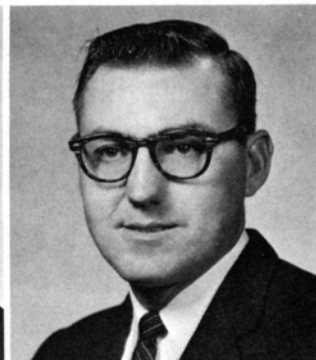
CRUTCHER, Danny R.—EE Webb City, Mo.
Independents; Prospector's Club; Transferred from Joplin Jr.
College.

CUTTS, James F.—EE Dexter, Mo.
Delta Sigma Phi; AIEE; Transferred from Southeast Mo. State
College.

DANIELS, John M., Jr.—CE Pittsburgh, Penn.
ASCE; Theta Tau, Vice-President; Honor List.

DAUERHEIM, Woody D.—ChE Affton, Mo.
Independents; Shamrock Club; AIChE; Spelunkers.

DAVIS, Leslie E.—EE Granite City, Ill.
Triangle; Rollamo Board.



Cox, D. L.
Crenshaw, R. L.
Cutts, J. F.

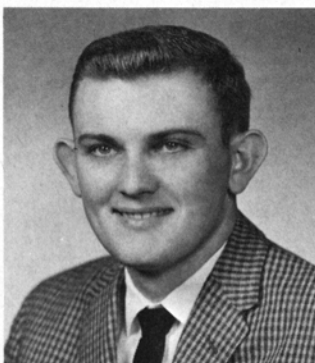
Crader, H. W.
Crosnoe, C. W.
Daniels, J. M.

Crawford, J. L.
Crutcher, D. R.
Dauerheim, W. D.

Davis, L. E.
Deen, M. E.

Dean, D. N.
Degenhardt, E. A.

Decker, H. D.
DeLong, J. P.



DEAN, Donald N.—ME Festus, Mo.
Independents; Engineer's Club; ASME; Red Fourragere; Blue
Fourragere.

DECKER, Harvey D.—ME Jackson, Mo.
Beta Sigma Psi, President; Alpha Phi Omega; Gamma Delta;
Theta Tau; Curators Scholarship; Inter-Fraternity Council.

DEEN, Michael E.—Met Tulsa, Okla.
Phi Alpha, President; Alpha Phi Omega, Vice-President; Theta
Tau; St. Pat's Board; Transferred from Westminster College.

DEGENHARDT, Eugene A.—EE St. Louis, Mo.
Independents; Prospector's Club; AIEE-IRE; Gamma Delta; Spe-
lunkers; SEG; Transferred from Washington University.

DELONG, James P.—ME Jefferson City, Mo.
Kappa Alpha; ASCE; SAE; AFS; ASME; Alpha Phi Omega; New-
man Club; Inter-Fraternity Council; ARS; Honor List.

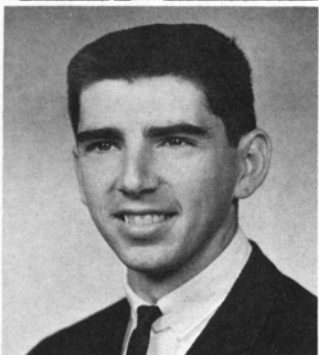
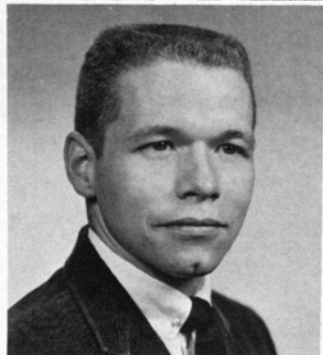




DENZEL, Jerome A.—ChE St. Louis, Mo.
MRHA; Engineer's Club; AICHe; Alpha Chi Sigma; Tau Beta
Pi; Newman Club; Phi Kappa Phi; Curators Scholarship; Honor
List; Gold Key.

DESAI, Girish V.—ChE Bombay, India
AICHe; International Fellowship; India Association; Transferred
from University of Bombay.

DESAI, I. N.—ChE Bombay, India
AICHe; India Association; Transferred from University of Bombay.



DEUTSCHMAN, Ronald L.—EE Granite City, Ill.
Triangle, President; AIEE-IRE; Student Union Movies Comm.;
Rollamo Board; Radio Club; Glee Club; Red Fourragere.

DEVANEY, Michail J.—EE Kansas City, Mo.
Phi Kappa Theta; Alpha Phi Omega, Treasurer; AIEEE-IRE; New-
man Club; Miner Board; Rollamo Board; Eta Kappa Nu.

DEWITT, Thomas E.—Met Webb City, Mo.
Lambda Chi Alpha; ASM; Newman Club; Student Council; Per-
shing Rifles; Glee Club.

Denzel, J. A.
Deutschman, R. L.

Desai, G. V.
Devaney, M. J.

Desai, I. N.
Dewitt, T. E.

Dey, W. E.
Diemer, C. E.

Dhawan, R. K.
Dillingham, A.

Dickey, F. M.
Divecha, M. H.

DEY, William E.—EE Schofield Barracks, Hawaii
Independents; Prospector's Club; Shamrock Club; AIEEE-IRE; Kap-
pa Mu Epsilon; Newman Club; Phi Kappa Phi Book Plate Award.

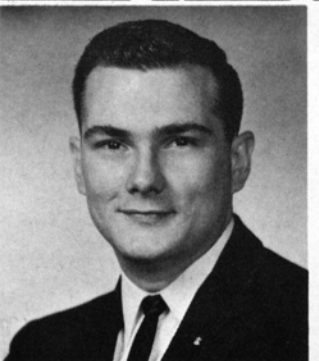
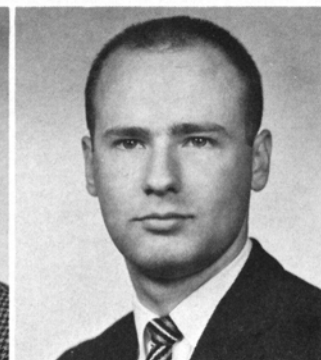
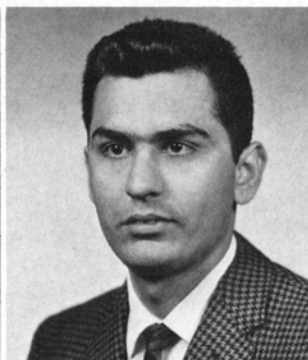
DHAWAN, Raj K.—ChE Baroda, India
Independents; Fifty-Niner's Club; AICHe; India Association; In-
ternational Fellowship.

DICKEY, Fred M.—EE Springfield, Mo.
Independents; Prospector's Club; AIEEE-IRE; Eta Kappa Nu; Cu-
rators Scholarship; Honor List; Phi Kappa Phi Book Plate Award;
MRHA Judicial Board.

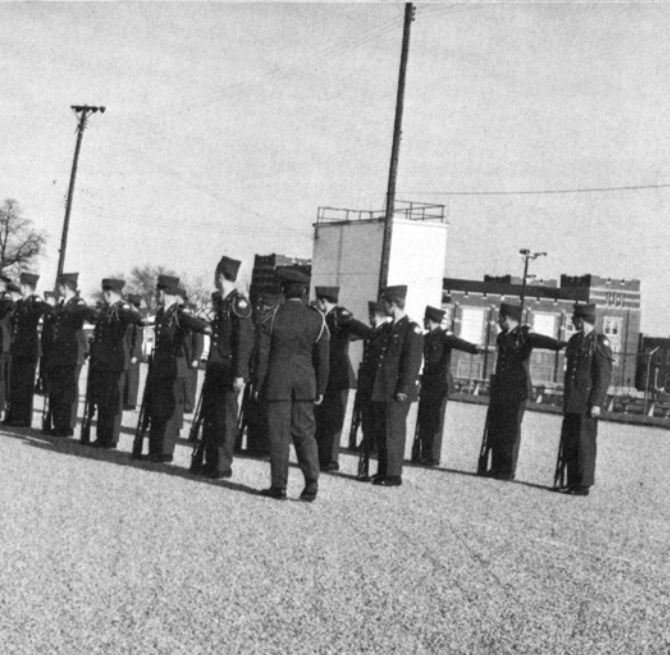
DIEMER, Charles E.—EE St. Louis, Mo.
MRHA; Shamrock Club; AIEEE-IRE; Eta Kappa Nu; Honor List;
Phi Kappa Phi Book Plate Award; Silver Key; MRHA, Athletic
Chairman and Alternate Judicial Board.

DILLINGHAM, Al—Met Jennings, Mo.
Phi Kappa Theta; ASM; Newman Club; Rollamo Board; Miner
Board; Honor List.

DIVECHA, Mahendra H.—ChE Bombay, India
AICHe; India Association; Transferred from Bombay K.C. College.



Dockery, C. D.
Dodd, C. W.
Dodson, R. M.



SENIOR CLASS

DOCKERY, Calvin D.—ME Lamar, Mo.
MRHA, Treasurer; SAE; Pershing Rifles.

DODD, Curtis W.—EE Kansas City, Mo.
Independents; Prospector's Club; AIEE-IRE; Eta Kappa Nu; Honor List.

DODSON, Richard M.—EE Maplewood, Mo.
Acacia, Treasurer, Corresponding Secretary; Prospector's Club; SAME; Wesley Foundation; Inter-Fraternity Council; Student Union; Military Ball Board; Honor List; Pershing Rifles; Blue Fourragere.

DOEPKE, Lawrence B.—Physics Eureka, Mo.
Independents; Fifty-Niner's Club; ARS; Curators Scholarship.

DOIRON, David H.—ME Redbud, Ill.
Independents; Shamrock Club; Newman Club; Transferred from Southern Illinois University.

DONIS, Darrell W.—Met St. Louis, Mo.
Sigma Nu; ASM; AFS; Curators Scholarship; Honor List; Foundry Education Foundation Scholarship.

DOWDY, Ronald R.—EE Salem, Ill.
AIEE; Transferred from Centralia Jr. College.

DOWNEY, Robert E.—CE Jerseyville, Ill.
Tau Kappa Epsilon; ARS; Transferred from Southern Illinois University.

DRESSEL, Theodore H., Jr.—Ceramics Caseyville, Ill.
Independents; Fifty-Niner's Club; ACS.

DUKE, Arthur A.—Math West Plains, Mo.
Independents; Prospector's Club; American Institute of Physics; Kappa Mu Epsilon; Tau Beta Pi; Sigma Pi Sigma; BSU; ARS; Honor List; Phi Kappa Phi; Inter Co-op Council.

DUNCHEON, Daniel W.—CE Ashland, Ill.
Independents Engineer's Club.

DUNHAM, William J.—EE Flat River, Mo.
Independents; Fifty-Niner's Club; AIEE-IRE.

DURNELL, Noland R.—CE Willow Springs, Mo.
ASCE; Pershing Rifles; Curators Scholarship; Honor List; Co-op Missouri State Highway Comm.

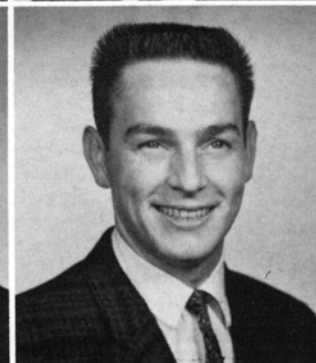
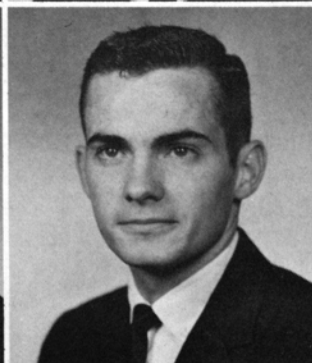
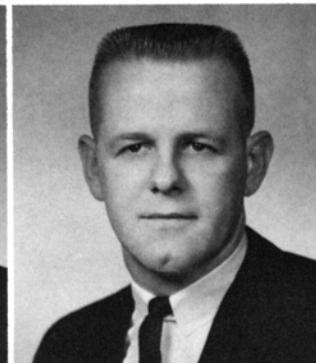
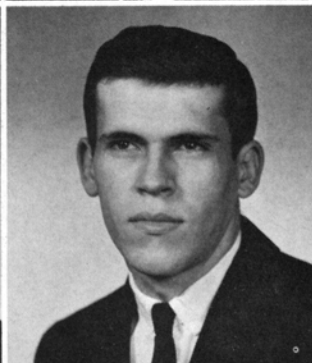
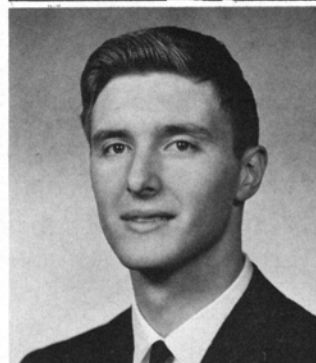
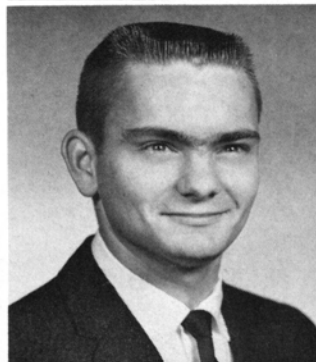
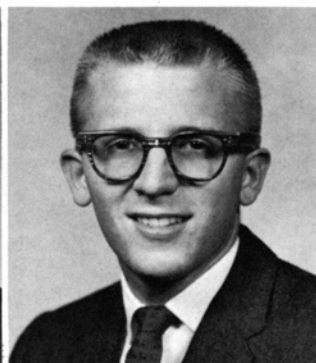
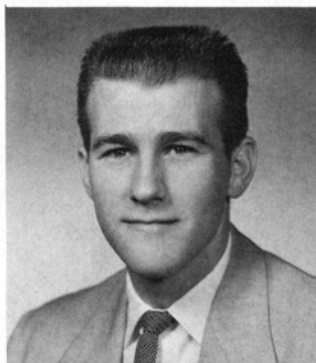
EAVES, Kenneth F.—CE Farmington, Mo.
Delta Sigma Phi, Treasurer; ASCE; Transferred from Flat River Junior College.

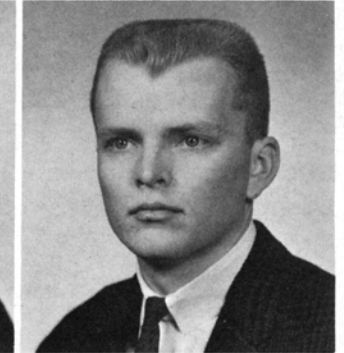
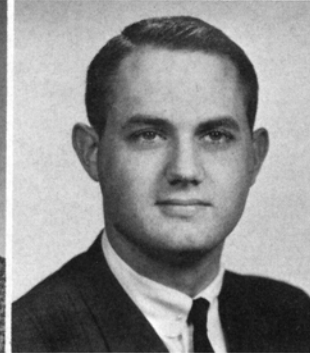
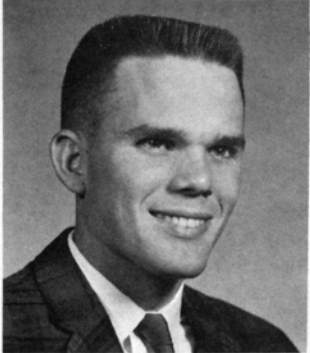
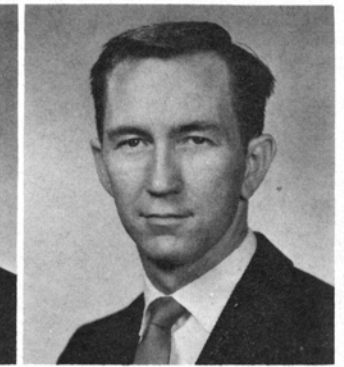
ECKHOFF, Gerald J.—CE St. Louis, Mo.
Independents; Fifty-Niner's Club; ASCE; Newman Club.

Doepke, L. B.
Dowdy, R. R.
Duke, A. A.
Durnell, N. R.

Doiron, D. H.
Downey, R. E.
Duncheon, D. W.
Eaves, K. F.

Donis, D. W.
Dressel, T. H.
Dunham, W. J.
Eckhoff, G. J.





Eirten, F. O.
Everswick, D. N.

Ellis, W. H.
Fanter, D. L.

Engelbert, J. M.
Faoro, R. B.

Erisman, L. R.
Farmer, J. O.

Everhard, P. R.
Fehsenfeld, G. D.

SENIOR CLASS



EIRTEN, Frank O.—EE Clayton, Mo.
Independents; MRHA; AIEE-IRE; Student Council.

ELLIS, Walter H.—Met Williston, N.Y.
Independents; AIME; ASM; Photo Club; Transferred from North-east Mo. State College.

ENGELBERT, Jerome M.—EE Aurora, Mo.
Independents Prospector's Club; AIEE; Newman Club; Honor List.

ERISMAN, Lester R.—CE Fairview, Mo.
ASCE; Wesley Foundation; Transferred from Joplin Jr. College.

EVERHARD, Paul R.—ME Neosho, Mo.

EVERSWICK, David N.—EE West Orange, N.J.
Independents; Prospector's Club; AIEE-IRE; Eta Kappa Nu; Tau Beta Pi; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; Distinguished Military Student.

FANTER, Dale L.—Physics Arnold, Mo.
Kappa Alpha; AIEE-IRE; American Institute of Physics; Miner Board; Lura and George Easley Scholarship; Curators Scholarship; Co-op McDonnell Aircraft Corp.

FAORO, Robert B.—Math Chicago, Ill.
Independents; Tech Club; George M. Pullman Education Foundation Scholarship.

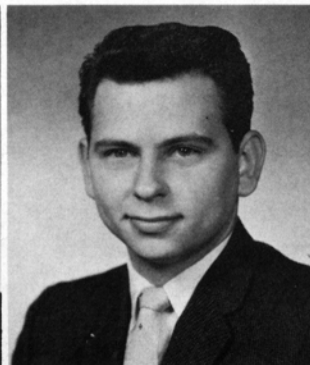
FARMER, John O.—Pet Russell, Kansas
Lambda Chi Alpha; AIME; Sigma Gamma Epsilon; "M" Club; Honor List; Silver Key; Phi Kappa Phi Book Plate Award; Football.

FEHSENFELD, Gary D.—ChE St. Louis, Mo.
Lambda Chi Alpha, President; Shamrock Club; AICHE; Alpha Chi Sigma; Tau Beta Pi; Phi Kappa Phi; Honor List; Chicago Tribune Award; Phi Kappa Phi Book Plate Award; Gold Key; Pershing Rifles; Red Fourragere; Blue Fourragere.

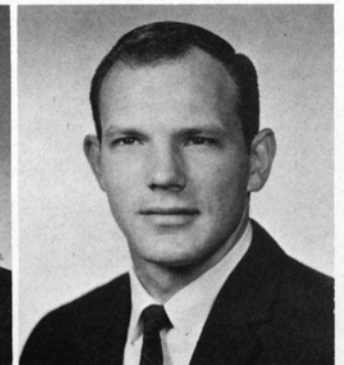
FENTON, David L.—CE East St. Louis, Ill.
Independents; Prospector's Club; ASCE; Tau Kappa Epsilon, Secretary; Student Union Board, Publicity Comm.; Honor List.



Fenton, D. L.



Ferrill, D. A.



Fisher, G. D.

FERRILL, David A.—Met Stanford, Conn.
Fifty-Niner's Club; ASM; Honor List; Foundry Educational Foundation Scholarship; AFS.

FISHER, Gerald D.—Met Benton Park, Ill.
Independents; Shamrock Club; AFS; Transferred from University of Illinois.

FORE, James G.—Mining Joplin, Mo.
Prospector's Club; AIME, Secretary, Treasurer, Vice-President; Honor List; Transferred from Joplin Jr. College and University of Tulsa.

FOURNELLE, Raymond A.—Met St. Louis, Mo.
Independents; Engineer's Club; ASM; Alpha Sigma Mu; Phi Kappa Phi; Gold Key; Phi Kappa Phi Book Plate Award; Honor List; Curators Scholarship; Lucy Wortham James Scholarship; Pershing Rifles; Red Fourragere.

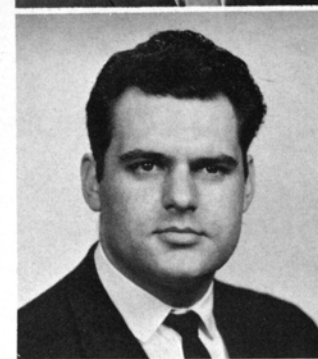
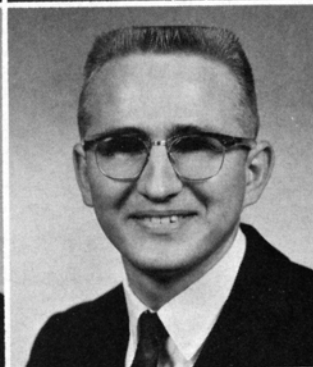
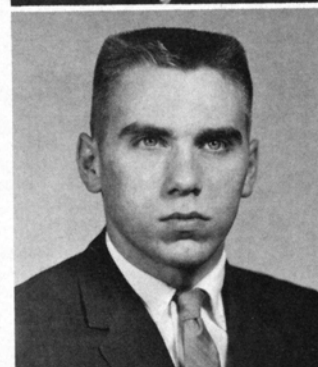
FRANK, Vernon E.—CE Rolla, Mo.
ASCE; Curators Scholarship.

FRANKLIN, James D.—CE University City, Mo.
Phi Alpha; Alpha Phi Omega; Honor List; Chicago Tribune Award.

FRAZER, James R.—ChE Stockton, Mo.
Independents; Prospector's Club, Business Manager; AICHE; Alpha Chi Sigma; Student Council, Vice-President; Curators Scholarship; Honor List; Inter Co-op Council, Treasurer.

FREESE, Don R.—Met Affton, Mo.
Independents; ASM; Gamma Delta; MRHA, Judicial Board; Glee Club.

FREY, Peter A.—Mining Lima, Peru
AIME; Stamp Club; Intenational Fellowship; Federation of Latin American Students, Vice-President.



Fore, J. G.
Franklin, J. D.
Frey, P. A.

Fournelle, R. A.
Frazer, J. R.
Frierdich, D. W.

Frank, V. E.
Freese, D. R.
Fritsch, W. R.

Frost, D. L.

Fryer, K. C.

Fuka, L. R.



FRIERDICH, Donald W.—ME Belleville, Ill.
Fifty-Niner's Club; SAE; Transferred from Belleville Jr. College, Indiana Tech.

FRITSCH, William R.—CE St. Louis, Mo.
ASCE; Chi Alpha; Honor List; Transferred from Washington University.

FROST, David L.—CE Jonesboro, Ill.
Delta Sigma Phi; ASCE; Honor List; Transferred from Carthage College.

FRYER, Kenneth C.—CE St. James, Mo.
ASCE; BSU; Honor List.

FUKA, Louis R.—CE St. Louis, Mo.
Newman Club.

FULCHER, Dale E.—ME St. Joseph, Mo.
ASME; SAE; Transferred from St. Joseph Jr. College.

GADRE, Jagannath S.—ChE Bombay, India
AICHE; India Association.

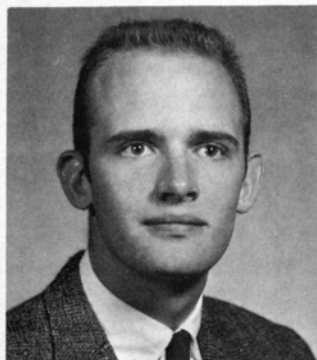
GALES, Carl D.—CE Clarkton, Mo.
Prospector's Club; ASCE; BSU; Co-op Missouri State Highway Comm.



Fulcher, D. E.

Gadre, J. S.

Gales, C. D.



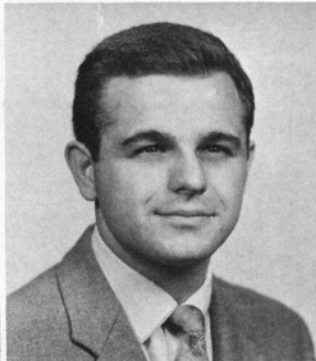
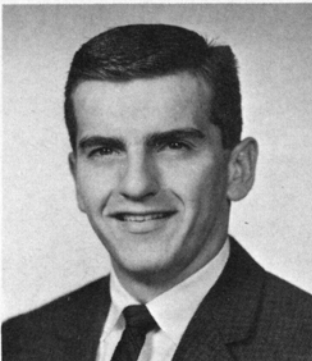
GALLIVAN, Timothy J.—Met-Nuclear DesPeres, Mo.
Independents; Prospector's Club; AIChE; SAME; Nuclear Engineering Society; Student Union; Honor List.

GANGAL, Subhash Y.—ChE Bombay, India
AIChE; India Association; Honor List; Transferred from Bombay University.

GARDNER, Hugh B.—EE St. Louis, Mo.
Independents; AIEE-IRE; Phi Kappa Phi, Sigma Pi Sigma; Eta Kappa Nu; Tau Beta Pi; Honor List; Gold Key; Phi Kappa Phi Book Plate Award; Transferred from University of Cincinnati.

GARDNER, Robert H.—CE St. Louis, Mo.
Kappa Sigma; Prospector's Club; ASCE; Newman Club.

GARRETT, Theodore J.—Met Schanectady, N.Y.
Sigma Nu; Tech Club; AFS.



Gallivan, T. J.
Gardner, R. H.

Gangal, S. Y.
Garrett, T. J.

Gardner, H. B.
Garrigue, P. L.

Gastineau, F. D.
Gibbons, J. E.
Gladysiewicz, J. J.

Gebhards, J. H.
Gibson, N. R.
Glassel, C. L.

Gianchandani, J. D.
Gilbert, R. L.
Goesten Kors, J. J.

GARRIGUE, Pierre L.—Mining Lima, Peru
Independents; Prospector's Club; AIME; Stamp Club; Spelunkers Club; Fellowship of Latin Students; International Fellowship; Vice-President.

GASTINEAU, Franklin D.—EE Berkeley, Mo.
AIEE; Phi Kappa Phi Book Plate Award; Honor List.

GEBHARDS, John H.—ChE Rock Port, Mo.
Prospector's Club; AIChE; Gamma Delta; Spelunkers Club, President; Honor List; Silver Key; Co-op Mallinkrodt Chemical Corp.

GIANCHANDANI, Jiwat D.—CE New Delhi, India
ASCE; India Association.

GIBBONS, Jack E.—ChE Rolla, Mo.
Independents; Fifty-Niner's Club; BSU.

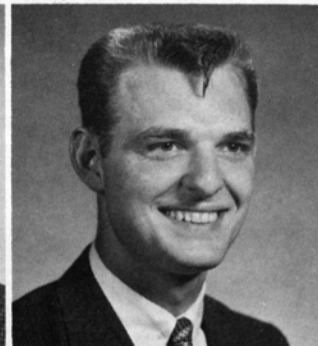
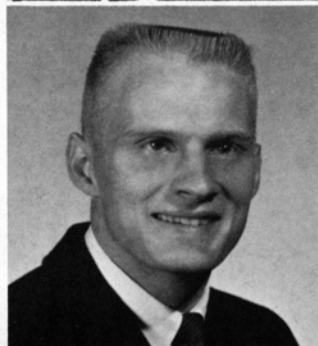
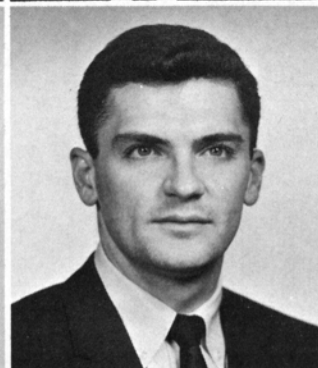
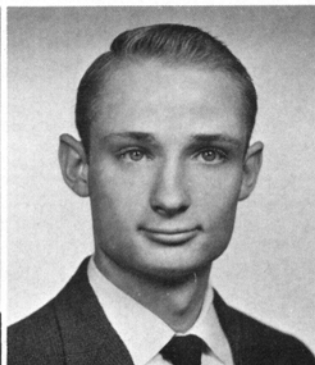
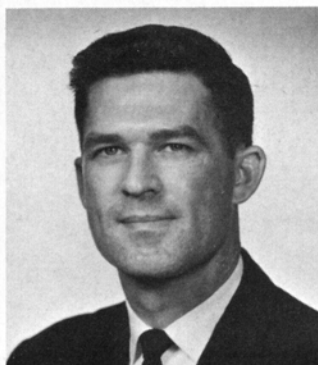
GIBSON, Noble R.—EE Chula, Mo.
Honor List.

GILBERT, Richard L.—ME Hickman Mills, Mo.
Lambda Chi Alpha; Pi Tau Sigma, Corresponding Secretary; Tau Beta Pi, President; Canterbury Club; Honor List; Transferred from Drexel University.

GLADYSIEWICZ, John J.—EE Oneida, N.Y.
Sigma Phi Epsilon, President; SAME; AIEE-IRE; Blue Key; Theta Tau; Miner Board, Business Manager; Student Council; Honor List; Silver Key; Distinguished Military Student.

GLASSEL, Clifford L.—ChE St. Joseph, Mo.
MRHA; AIChE; Glee Club; Honor List.

GOESTENKORS, John J.—EE Trenton, Ill.
AIEE-IRE; Honor List.



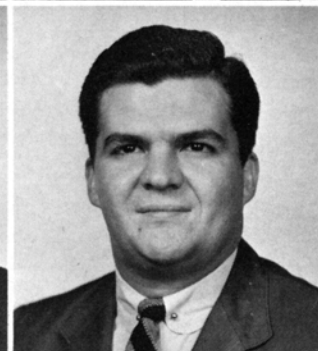
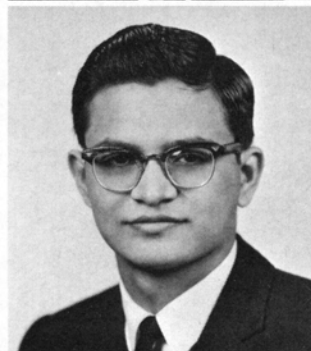
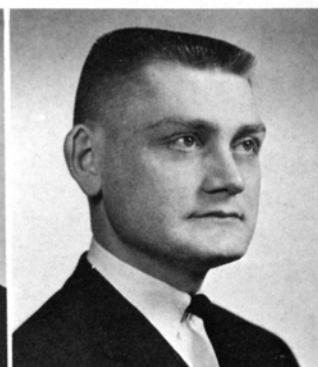
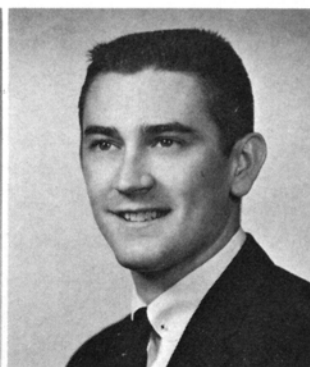
GOLTZ, Ralph J.—EE St. Louis, Mo.
Independents; Shamrock Club; AIEE-IRE; Honor List.

GOODMAN, Michael S.—ME Johnston City, Ill.
Independents; MRHA; Prospector's Club; ASME; Military Ball Board; Pershing Rifles; Honor List; Red Fourragere; Distinguished Military Student.

GOODMAN, Roger M.—EE Raytown, Mo.
Independents; Shamrock Club; AIEE; Honor List; Transferred from Jr. College of Kansas City.

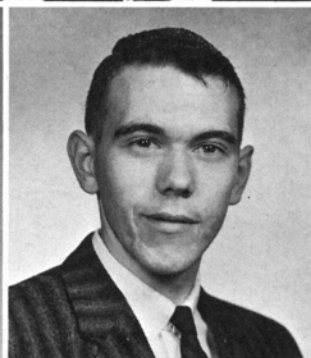
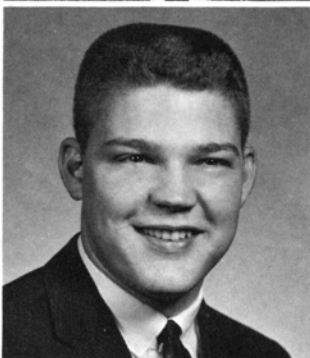
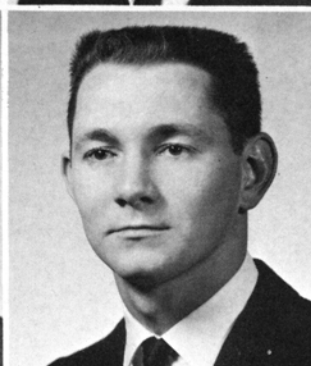
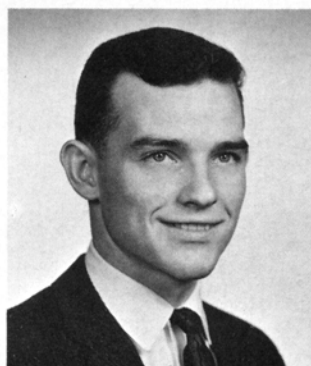
GOR, Hasmukh, K.—ME Bombay, India
India Association.

Goltz, R. J.
Gor, H. K.



Goodman, M. S.
Gosney, C. H.

Goodman, R. M.
Grateron, T. R.



Green, L. L.
Gruenloh, R. H.

Gregory, B. B.
Gudermuth, C. S.

Grisham, J. L.
Gunn, J. A.

GRISHAM, James L.—ME Marion, Ill.
Engineer's Club; Transferred from Southern Illinois University.

GRUENLOH, Robert H.—EE Florissant, Mo.
Fifty-Niner's Club, Manager, Secretary; AIEE-IRE; Newman Club, Vice-President.

GUDERMUTH, Clyde S., Jr.—ME Webster Groves, Mo.
Kappa Alpha; ASME; SAE.

GUNN, James A.—ME Versailles, Mo.
Independents; ASME; SAE; Honor List; Curators Scholarship.

SENIOR CLASS

GOSNEY, Chester H.—CE Morgantown, West Va.
Honor List.

GRATERON, Tomas R.—Mining Barquisimeto, Venezuela
AIME; Federation of Latin American Students; Honor List; Transferred from University of Central Venezuela.

GREEN, Larry L.—Mining Manchester, Ill.
Transferred from McMurray College.

GREGORY, Benton B.—ME Mount Vernon, Ill.
ASME; Honor List; Transferred from Mount Vernon Jr. College.



HACKNEY, Ewing H.—EE St. Louis, Mo.
Independents; Engineer's Club; AIEE-IRE; Spelunker's Club; Honor List.

HAFELI, Dwight T.—ME Rolla, Mo.
Kappa Alpha; Canterbury Club; Golf.

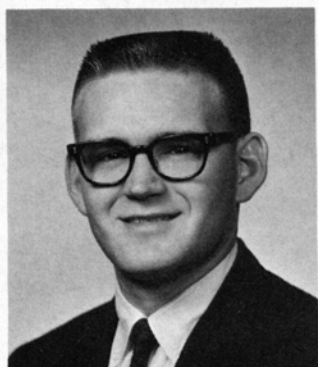
HAFFNER, James D.—Ceramic Hackensack, N.J.
Phi Kappa Theta; AIChE; ACS; Newman Club; Miner Board; Rollamo Board.

HAHN, Emmett W., Jr.—CE St. Louis, Mo.
Phi Kappa Theta; ASCE Newman Club; Miner Board; Rollamo Board.

HAMILTON, Thomas A.—ME Gallatin, Mo.
Delta Sigma Phi; Prospector's Club; SAE; American Institute of Physics; Kappa Mu Epsilon; Sigma Pi Sigma; Phi Kappa Phi; BSU Curators Scholarship; Phi Kappa Phi Book Plate Award; Gold Key; Honor List.



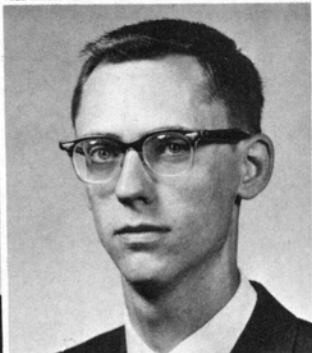
SENIOR CLASS



Hamilton, T. A.
Hanson, B.
Hardwick, F. W.

Hamm, S. R.
Hanson, L. R.
Harman, R. L.

Hampleman, L. H.
Hardie, M.
Harmon, J. O.



Hackney, E. H.
Haffner, J. D.

Hafeli, D. T.
Hahn, E. W.

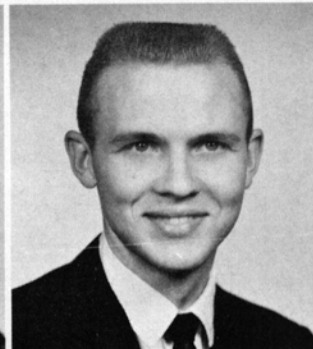
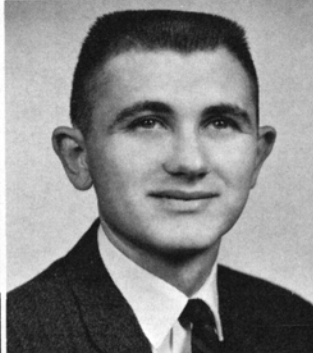
HAMM, Sidney R.—ME Springfield, Mo.
Shamrock Club; AIEE; ASME; BSU; Pershing Rifles; Honor List.

HAMPLEMAN, Leroy H.—Math DuQuoin, Ill.
Delta Sigma Phi; Prospector's Club; American Institute of Physics; Association of Computer Machinery; BSU.

HANSON, Bruce—CE Chicago, Ill.
Independents; ASCE; Honor List; Transferred from Wright Jr. College and University of Chicago.

HANSON, Lawrence R.—Chem Decatur, Ill.
Independents; Fifty-Niner's Club; W. T. Schrenk Chem. Soc.

HARDIE, Michael—CE Ozark, Mo.
Kappa Sigma; AIEE-IRE; ASCE; Alpha Phi Omega; Newman Club; Miner Board; Honor List.



HARDWICK, Forman W.—CE Beardstown, Ill.
Prospector's Club; ASCE; Phi Kappa Phi; Honor List; Transferred from Western Illinois College.

HARMAN, Ronald L.—EE St. Louis, Mo.
Transferred from Southeast Missouri State College.

HARMON, John O.—EE Cardwell, Mo.
Independents; Fifty-Niner's Club; Transferred from Southeast Missouri State College.

HARPER, Charles W.—ME Republic, Mo.
ASME; Transferred from Southeast Missouri State College.

HARRIS, Donald M.—CE East Rochester, N.Y.
ASCE; Honor List.

HARRIS, Gary F.—CE Hannibal, Mo.
Independents; ASCE; Transferred from Hannibal-LaGrange College.

HARRIS, Marvin T.—CE St. Louis, Mo.
Shamrock Club; ASCE; BSU; Glee Club.

HARRIS, Robert A., Jr.—Physics Mount Vernon, Mo.
MRHA, Social Chairman; American Institute of Physics; Phi Kappa Phi; Sigma Pi Sigma, President; Tau Beta Pi; UCCF, Treasurer; Student Union, Literary and Music Comm.; Student Council; Interfaith Council; Gold Key; Blanche and John H. Bowles Scholarship; Honor List; National Science Foundation Research Programs Award; Curators Scholarship.

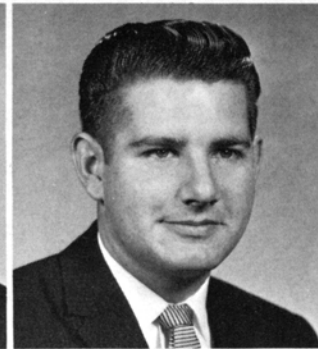
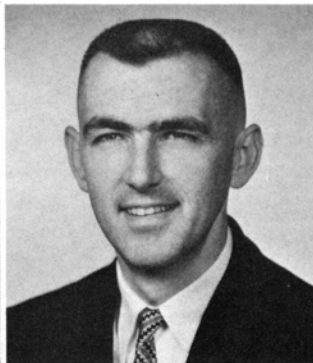
HARTUNG, Lee R.—EE Bourbon, Mo.
Fifty-Niner's Club; AIEE; Eta Kappa Nu; Honor List; Gold Key; Phi Kappa Phi Book Plate Award.

HARTUNG, Robert F.—EE Chesterfield, Mo.
Prospector's Club.

HASHMALL, Harry P.—CE Flushing, N.Y.
Independents; Tech Club; ASCE; Association of Computer Machinery.

HAUM, Jack L.—ME Bourbon, Mo.
Independents; Tech Club; ROTC Band.

HAUSGEN, Donald E.—ChE Elsberry, Mo.
AICHE; Sigma Phi; UCCF.



Harper, C. W.
Harris, M. T.
Hartung, R. F.

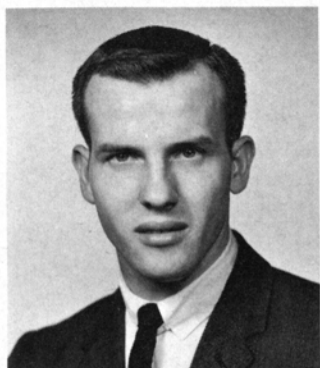
Harris, D. M.
Harris, R. A.
Hashmall, H. P.

Harris, G. F.
Hartung, L. R.
Haum, J. L.

Hausgen, D. E.
Heath, L. D.

Hawker, G. F.
Heinzen, J. R.

Haynes, W. D.
Henderson, F. D.



HAWKER, George F.—ME
Independents; ASME.

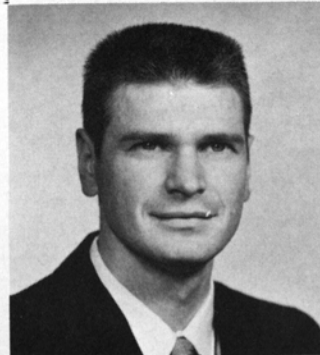
Hunnewell, Mo.

HAYNES, William D.—CE Havana, Ill.
ASCE; Chi Epsilon; Honor List; Transferred from U.S. Naval Academy, University of Illinois, Western Illinois University and Colorado State University.

HEATH, Lowell D.—EE Lamar, Mo.
Independents; Engineer's Club; AIEE-IRE; Kappa Mu Epsilon; Eta Kappa Nu; Tau Beta Pi; Honor List; Gold Key Inter Co-op Council.

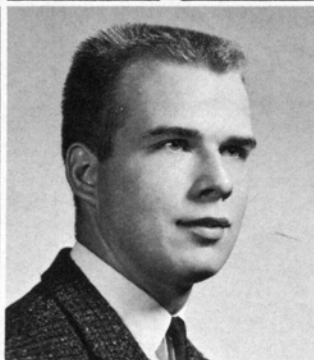
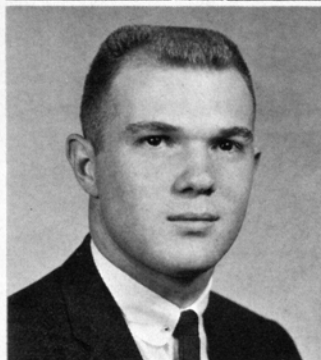
HEINZEN, James R.—ME St. Louis, Mo.
Phi Kappa Theta; Pi Tau Sigma; Newman Club; Rollamo Board; Miner Board; Honor List; Gold Key; Phi Kappa Phi Book Plate; Foundry Education Foundation Scholarship; Pershing Rifles.

HENDERSON, Francis D.—EE Monroe City, Mo.
Independents; Tech Club; AIEE-IRE; Curators Scholarship; Honor List.





HENDERSON, Larry K.—EE Malta Bend, Mo.
Independents; Fifty-Niner's Club; AIEE-IRE; Wesley Foundation;
Radio Club, Treasurer; Glee Club.



HENRY, Robert H.—ChE Louisiana, Mo.
Engineer's Club; AICChE.

HENSON, Ronald P.—EE VanBuren, Mo.
Independents; Prospector's Club; SAME; AIEE-IRE; Military Ball
Board; St. Pat's Board; Student Council; Curators Scholarship;
Student Union.

HERBST, Jeffrey R.—ChE St. Louis, Mo.
Sigma Nu; AICChE; Alpha Chi Sigma; Student Council; Honor
List.

HERMAN, Gary M.—EE Independence, Mo.
Sigma Pi; AIEE-IRE; Honor List; Student Union, Fund Comm.

Henderson, L. K.
Herbst, J. R.

Henry, R. H.
Herman, G. M.

Henson, R. P.
Herron, G. F.

Herzog, R. R.
Hilton, J. D.

Hicks, D. J.
Hoffstetter, R. W.

Hill, D. L.
Hogan, F. J.

HERRON, George F.—CE St. Louis, Mo.
Independents; Fifty-Niner's Club; ASCE; Spelunkers.

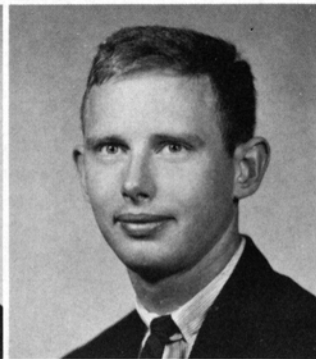
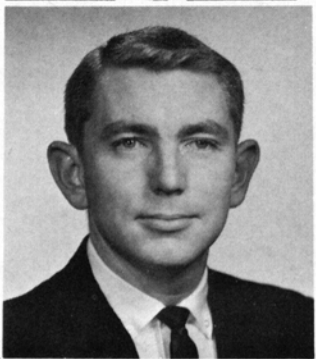
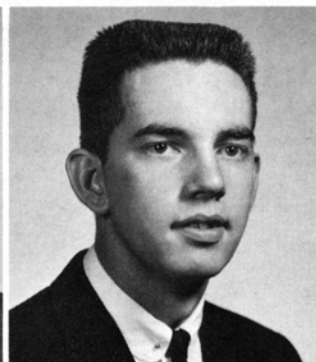
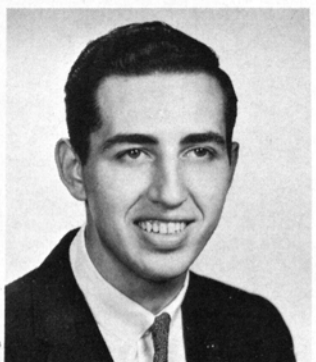
HERZOG, Rollie R.—EE New Haven, Mo.
Independents; AIEE-IRE; Eta Kappa Nu, Treasurer; Student Coun-
cil; MRHA, President; Curators Scholarship; Honor List; Phi
Kappa Phi Book Plate Award.

HICKS, David J.—ME Webster Groves, Mo.
Sigma Nu; SAE; ASME; Inter-Fraternity Council.

HILL, Dwight L.—Met Marion, Ill.
Independents; AICChE; ASME; ASM.

HILTON, Jon D.—CE Springfield, Mo.
Kappa Sigma; ASCE; Miner Board; Curators Scholarship.

HOFFSTETTER, Robert W.—EE St. Louis, Mo.
Lambda Chi Alpha; AIEE-IRE; Rollamo Board; Gold Key.



Holley, R. G.
Holman, N. F.
Holmes, R. W.



SENIOR CLASS

HOLT, James L.—ME Metropolis, Ill.
Independents; Fifty-Niner's Club; BSU; Student Council; Honor List; Co-op Council; Distinguished Military Student.

HOLT, James T.—Chem Zalma, Mo.
Fifty-Niner's Club; W. T. Schrenk Chemical Society; Honor List; Transferred from Mount San Antonio College, Los Angeles State.

HONEY, Keith R.—Physics Newburg, Mo.
American Institute of Physics; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award.

HORNBEAK, Fred A., Jr.—EE Springfield, Mo.
Independents; Fifty-Niner's Club; AIEE-IRE; Transferred from Southwest Mo. State.

HORNBERGER, Kent S.—Ceramics St. Louis, Mo.
Shamrock Club; ACS; Stamp Club.

HORNSEY, James M.—ME Potosi, Mo.
Independents; Tech Club; SAE; ASME; Newman Club; Student Council, President; St. Pat's Board; Curators Scholarship.

HORTON, Reuel K.—CE Rolla, Mo.
ASCE; Honor List.

HOUSE, Ronald L.—CE Summersville, Mo.
Independents; Fifty-Niner's Club.

HOUSHMAND, Honeinghali—CE Tehran, Iran
Phi Kappa Phi; International Fellowship; Honor List; Phi Kappa Phi Book Plate Award.

HOWARD, Dale W.—Chem Pleasant Hill, Mo.
Fifty-Niner's Club; W. T. Schrenk Chemical Society; BSU; Honor List.

HOWELL, Robert C.—Mining Streator, Ill.
Independents; Fifty-Niner's Club; ASME; Sigma Gamma Epsilon; Newman Club; Esperanto; Honor List; Illinois Mining Institute Scholarship; Silver Key; Co-op U.S. Gypsum Corp.

HUBENTHAL, William L.—CE Malden, Mo.
Shamrock Club; Honor List.

HOGAN, Francis J.—ME Alton, Ill.
Delta Sigma Phi; ASME; SAME; Transferred from Southern Illinois University.

HOLLEY, Robert G.—ChE St. Louis, Mo.
Independents; Prospector's Club; AIChE; Curators Scholarship; Honor List.

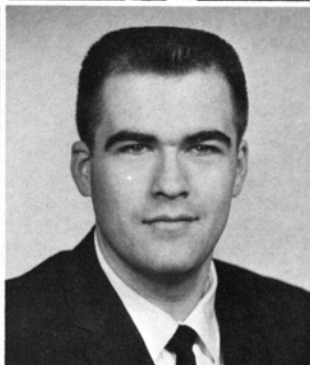
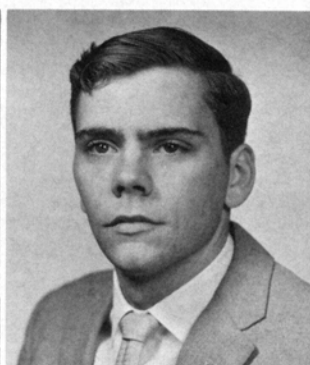
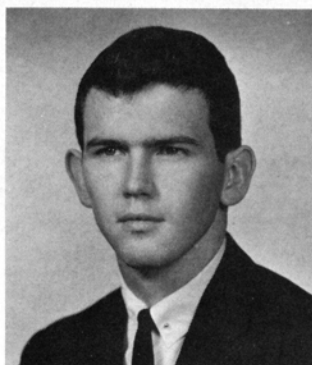
HOLMAN, Nuel F.—EE Kansas City, Mo.
Fifty-Niner's Club; AIEE-IRE; Christian Science Organization; Treasurer; Honor List; Transferred from Kansas City Jr. College.

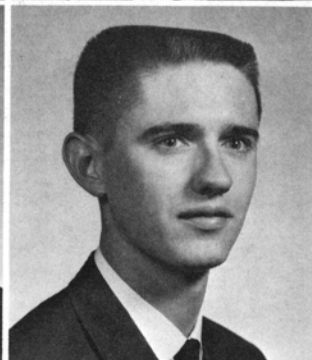
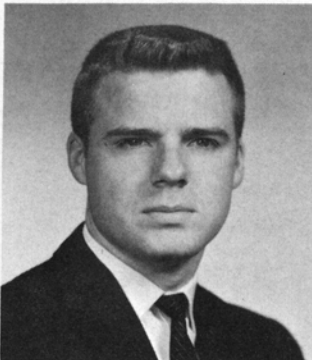
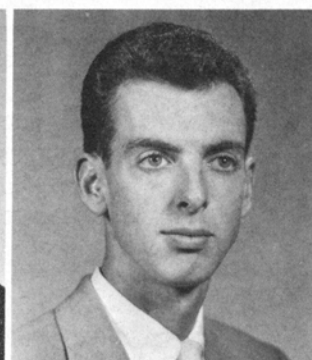
HOLMES, Robert W.—ME Mercer, Mo.
Independents; Prospector's Club; Fifty-Niner's Club; SAME; ASME; SAE; Wesley Foundation; Honor List; Curators Scholarship; Pershing Rifles; Distinguished Military Student.

Holt, J. L.
Hornbeak, F. A.
Horton, R. K.
Howard, D. W.

Holt, J. T.
Hornberger, K. S.
House, R. L.
Howell, R. C.

Honey, K. R.
Hornsey, J. M.
Houshmand, H.
Hubenthal, W. L.





Hudek, R. J.
Hulsey, J. L.

Hughes, D. J.
Hunt, C. M.

Hughes, E. M.
Hunt, R. E.

Huff, P. A.
Hurter, H. D.

Hull, J. A.
Huston, R. E.



SENIOR CLASS

HUDEK, Robert J.—ME Rolla, Mo.
Newman Club.

HUGHES, Douglas J.—EE Dixon, Mo.
Independents; Prospector's Club; AIEE-IRE; BSU; Radio Club,
President; ROTC Band; Model Railroad Club.

HUGHES, Earle M.—CE McLeansboro, Ill.
Independents; Tech Club; ASCE, Corresponding Secretary; Honor
List.

HUFF, Philip A.—Met Centralia, Ill.
Independents; Fifty-Niner's Club; ASChE; Newman Club; Trans-
ferred from Centralia Jr. College.

HULL, Jon A.—Geology Morristown, N.J.
C. L. Dake Society; SEG; Texaco Scholarship; Transferred from
William and Mary College.

HULSEY, Johnny L.—CE Bourbon, Mo.
Independents; Fifty-Niner's Club; ASCE; Honor List.

HUNT, Charles M.—CE Tecumseh, Mo.
Independents; Shamrock Club; ASCE.

HUNT, Ronald E.—ME Paducah, Ky.
Pi Kappa Alpha; ASME; SAE; Honor List; Co-op Union Carbide.

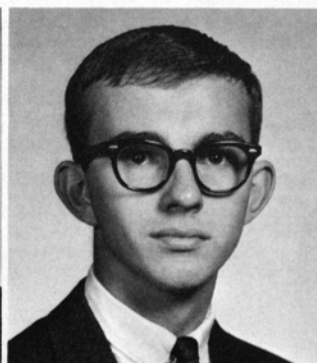
HURTER, Henry D.—CE St. Louis, Mo.
Triangle; ASCE; Transferred from Harris Teachers College.

HUSTON, Robert E.—EE Windsor, Mo.
Independents; Shamrock Club; AIEE-IRE; Kappa Mu Epsilon;
Tau Beta Pi, President; ROTC Band; Gold Key; Phi Kappa Phi
Book Plate Award; Curators Scholarship; Honor List; Tau Beta
Pi Outstanding Freshman Award.

HUSTON, Roger K.—CE Locksprings, Mo.
Delta Sigma Phi; BSU; Glee Club; Co-op Missouri State Highway
Comm.



Huston, R. K.



Hux, S. B.



Ibrahim, M. A.

HUX, Stephen B.—Physics Neosho, Mo.
Independents; Fifty-Niner's Club; American Institute of Physics;
Wesley Foundation; ARS; Curators Scholarship.

IBRAHIM, Mohammad A.—Met Bandung, Indonesia
ASM; International Fellowship.

JABAS, Stephan D.—Min-Geology Silver Springs, Md.
ASME; Honor List; Harbison Walker Refining Co. Co-op.

JACKSON, Raymond F.—CE Kansas City, Mo.

JAEGER, Benjamin W.—EE Gerald, Mo.
Independents; Fifty-Niner's Club; AIEE-IRE; Tau Beta Pi; Phi
Kappa Phi; Eta Kappa Nu; Honor List; Phi Kappa Phi Book
Plate Award; Gold Key; Co-op Union Carbide.

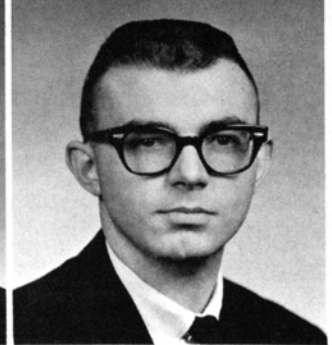
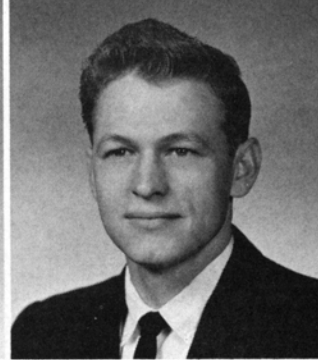
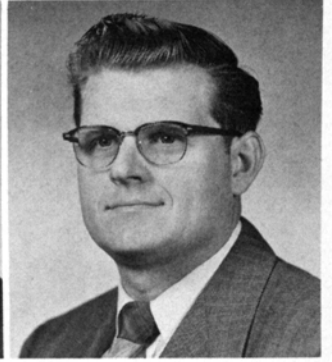
JAUER, Richard A.—EE Hamilton, N.Y.
Independents; Fifty-Niner's Club; ASCE; BSU, Chairman; Glee
Club; Honor List; Distinguished Military Student; Association of
Computer Machinery.

JARMAN, R. D.—CE Wood River, Ill.
Independents; ASCE; Transferred from St. Louis University.

JAUER, Richard A.—EE Affton, Mo.
Independents, Secretary; AIEE-IRE; Gamma Delta; Eta Kappa
Nu; Tau Beta Pi; Blue Key; Student Council; Who's Who; Dis-
tinguished Military Student; Curators Scholarship; Phi Kappa Phi
Book Plate Award; Honor List; Gold Key.

JENNINGS, Richard L.—ME East St. Louis, Ill.
Engineer's Club; ASME; Newman Club; Transferred from Belle-
ville Junior College and St. Louis University.

JENSON, James H.—Geology Ozark, Mo.
Independents; Fifty-Niner's Club; C. L. Dake Geology Society;
Sigma Gamma Epsilon; Phi Kappa Phi; BSU; Spelunker's Club;
Curators Scholarship; Honor List; Phi Kappa Phi Book Plate
Award; Gold Key; V. H. McNutt Summerfield Camp Scholarship.



Jabas, S. D.
Jaquay, R. L.
Jennings, R. L.

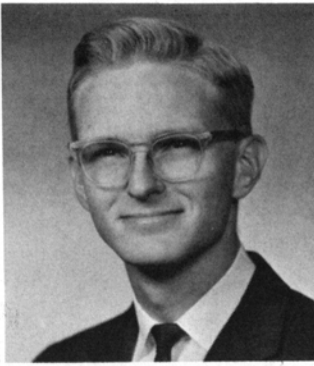
Jackson, R. F.
Jarman, R. D.
Jenson, J. H.

Jaeger, B. W.
Jauer, R. A.
Jester, T. K.

Jett, C. R.

Jewell, R. C.

Johnson, J. P.



JESTER, Tod K.—ME Webb City, Mo.
Acacia; ASME; SAE; Tau Beta Pi; Pi Tau Sigma; Blue Key; ARS;
Curators Scholarship; Honor List; Phi Kappa Phi Book Plate
Award; Gold Key; Inter-Fraternity Council.

JETT, Clifton R.—CE Bland, Mo.
ASCE; Honor List.

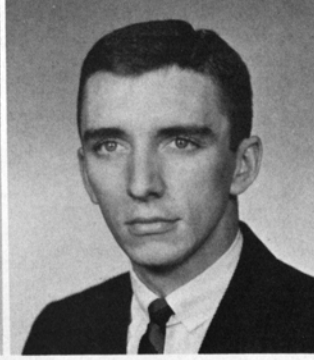
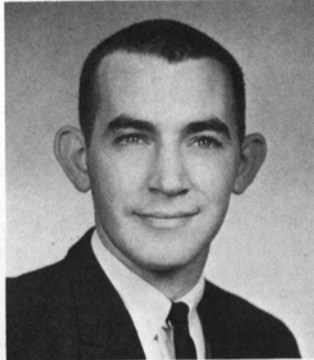
JEWELL, Robert C.—ME Lequey, Mo.
Independents; Tech Club; SAE.

JOHNSON, Jerry G.—Physics St. Louis, Mo.
Theta Xi, Secretary, Treasurer; American Institute of Physics; Tau
Beta Pi; Sigma Pi Sigma; Phi Kappa Phi; Inter-Faith Council.
Treasurer; Glee Club; Esperanto; Honor List; Curators Scholarship.

JOHNSON, Joseph P.—CE Caruthersville, Mo.
Independents; Prospector's Club; Newman Club; Pershing Rifles.

JOHNSTON, Dale A.—Ceramic Desoto, Mo.
Independents; Engineer's Club; ACS; Honor List.

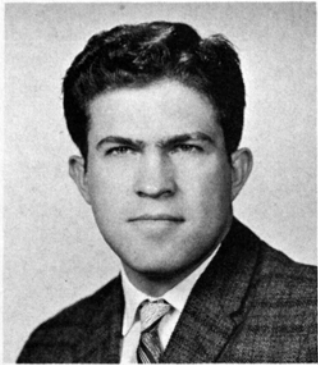
JONES, Don W.—ME Springfield, Ill.
Independents; Engineer's Club; ASME; SAE.



Johnson, J. G.

Johnston, D. A.

Jones, D. W.



JONES, Herbert D.—ME Vandalia, Mo.
Independents; Fifty-Niner's Club; ASME; Pi Tau Sigma; ARS;
Curators Scholarship; Honor List.

JONES, Wendell M.—CE Lutie, Mo.
ASCE; BSU.

KAFATI, Oscar S.—CE San Salvador, El Salvador
Independents; ASCE; Newman Club; International Fellowship.

KAHL, Richard A.—CE Shipman, Ill.
Tech Club; Shamrock Club; ASCE; Gamma Delta; Honor List.

KAISER, Donald—CE Shrewsbury, Mo.
MRHA, Treasurer; Tech Club; ASCE; Honor List.

KALETTA, Gary R.—ME Affton, Mo.
Delta Sigma Phi; SAE; ASME; Newman Club; Co-op McDonnell
Aircraft Corp.

KAUFFMAN, William M.—Chem Independence, Mo.
Independents; Prospector's Club; W. T. Schrenk Chemical So-
ciety; Football; Track; Transferred from Central Missouri State
College.



Jones, H. D.
Kahl, R. A.

Jones, W. M.
Kaiser, D.

Kafati, O. S.
Kaletta, G. R.

Kauffman, W. M.
Kinney, P.
Kirchoff, W. S.

Keith, H. D.
Kinsey, J. M.
Kirkpatrick, R. E.

King, F. W.
Kirby, J. R.
Klein, R. W.

KEITH, Harold D.—ME Spickard, Mo.
Independents; Fifty-Niner's Club; ASME; SAE; Phi Kappa Phi;
Tau Beta Pi; Pi Tau Sigma; Wesley Foundation; Gold Key; Phi
Kappa Phi Book Plate Award; SAE Award, Outstanding Junior
in Mechanical Engineering; Reserved Officers Assoc. Award; Cu-
rators Scholarship; Honor List; Superior Cadet Award.

KING, Frank W.—Pet Mt. Vernon, Ill.
Lambda Chi Alpha; ASME, Vice-President; Newman Club; Honor
List; Distinguished Military Student.

KINNEY, Philip—Pet Webster Groves, Mo.
Fifty-Niner's Club; ASME, Treasurer; Sigma Gamma Epsilon;
Honor List.

KINSEY, Jerry M.—EE Hornersville, Mo.
Fifty-Niner's Club; AIEE-IRE; BSU; Glee Club; Spelunker's
Club, Secretary, Treasurer; Transferred from Arkansas State
College.

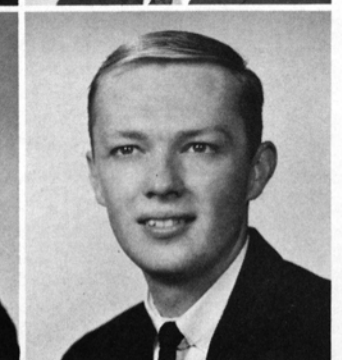
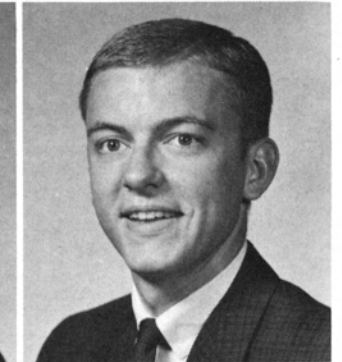
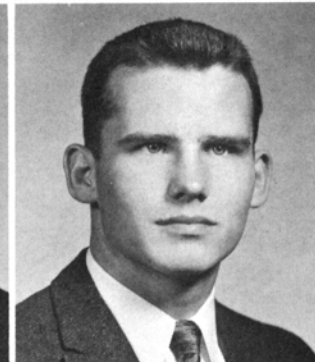
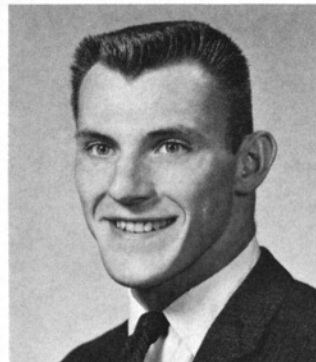
KIRBY, James R.—CE Paragould, Ark.
Independents; Tech Club, Secretary-Treasurer; Alpha Phi Omega;
Student Council; Honor List; Transferred from Arkansas State
College.

KIRCHOFF, William S.—ME Creve Couer, Mo.
Kappa Sigma; SAE; AFS; Honor List.

KIRKPATRICK, Robert E.—EE Kennett, Mo.
BSU.

KLEIN, Ronald W.—ME Jefferson City, Mo.
Independents; MRHA; ASME; Pi Tau Sigma; Honor List; Phi
Kappa Phi Book Plate Award; Silver Key.

KLIER, Jerome M.—CE Des Moines, Iowa
Independents; MRHA; Prospector's Club; C. L. Dake Soc.; ASCE;
Newman Club; Student Union Board, News Service Comm.; Stu-
dent Council; Spelunker's Club; Inter Co-op Council, Vice-Presi-
dent; Transferred from Grand View College.



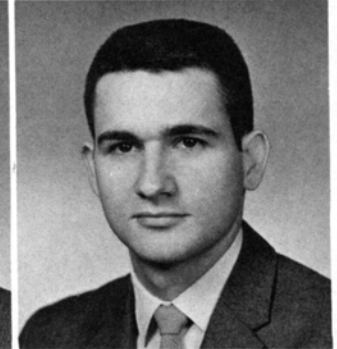
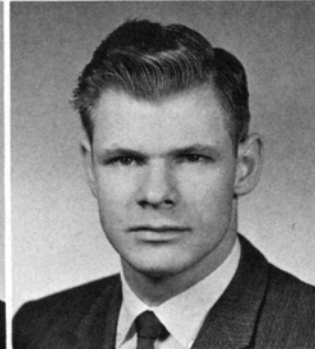
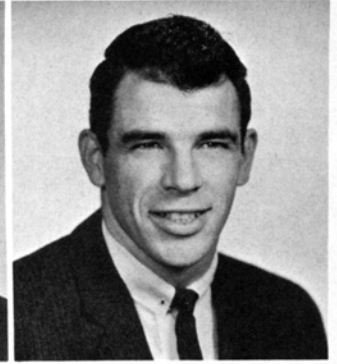
KLUTHO, Allyn R.—ME Beckermeyer, Ill.
SAE; ASME; Transferred from University of Illinois and Belleville Junior College.

KNAUS, Dahl W.—Physics Independence, Mo.
Independents; Prospector's Club, President; Student Council; Honor List; Inter Co-op Council; Transferred from Kansas City Junior College.

KNEZEVICH, Joseph J.—EE Affton, Mo.
Pi Kappa Alpha; Alpha Phi Omega; Rollamo Board; Curators Scholarship; Honor List.

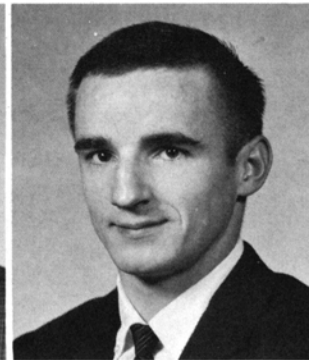
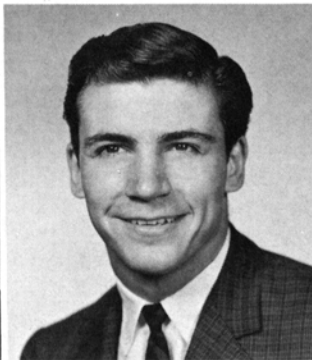
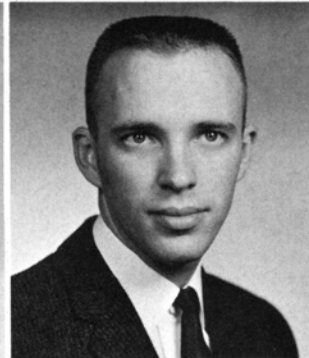
KNOPP, John V.—Physics Hannibal, Mo.
Fifty-Niner's Club; Sigma Pi Sigma; Sigma Gamma Epsilon; Kappa Mu Epsilon; Honor List; Phi Kappa Phi Book Plate Award; Union Carbide Co-op; Argonne Lab. Co-op; Transferred from U. of Maryland.

Klier, J. M.
Knezevich, J. J.



Klutho, A. R.
Knopp, J. V.

Knaus, D. W.
Knos, J. R.



KNOS, James R. Jr.—Chem Jefferson City, Mo.
Fifty-Niner's Club; AIChE; Alpha Chi Sigma; Phi Kappa Phi; Tau Beta Pi; BSU; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; ROTC Band; Concert Band; Transferred from Lincoln University.

KOCH, Edmund O.—Mining Manchester, Mo.
Independents; Tech Club; AIME.

KOECHLEIN, William H.—CE Basking Ridge, N.J.
Lambda Chi Alpha, House Manager; ASME; SAE; UCCF; Honor List.

KOENIG, Walter R.—EE Perryville, Mo.
Independents; MRHA; Phi Kappa Phi; ASCE; Eta Kappa Nu, Vice-President; Honor List; ROTC Band; Transferred from U.S. Naval Academy.

Koch, E. O.
Koester, R. D.

Koechlein, W. H.
Kohnen, J. L.

Koenig, W. R.
Kopaskie, B. E.

KOESTER, Robert D.—Met-Nuclear Red Bud, Ill.
Independents; Fifty-Niner's Club; ASM; Nuclear Engineering Society; Gamma Delta; Alpha Sigma Mu; Tau Beta Pi; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; Foundry Educational Foundation Scholarship; ASM Scholarship.

KOHNEN, James L.—CE St. Louis, Mo.
Phi Kappa Theta; ASCE; Rollamo Board; Transferred from Harris Teachers College.

KOPASKIE, Bernard E.—Met Wallkill, N.Y.
Kappa Sigma; AFS; AIME, President Secretary; Honor List.



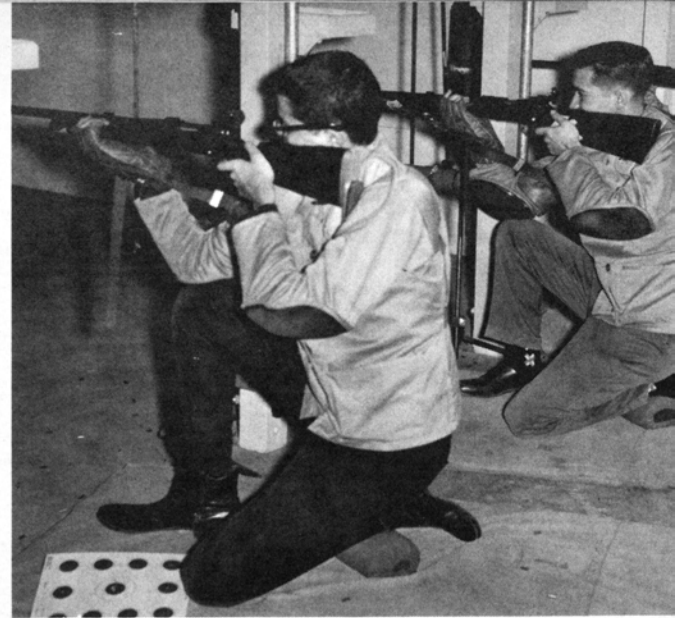
KOZENY, Edward C.—EE Olivette, Mo.
Sigma Phi Epsilon; Newman Club; Honor List.

KRAMER, Robert E.—ME St. Louis, Mo.
Beta Sigma Psi; Gamma Delta.

KRAUS, Ronald W.—CE Belleville, Ill.
Fifty-Niner's Club; ASCE; Model Railroad Club; Transferred from Belleville Junior College.

KREICHEL, Thomas E.—ChE Brentwood, Mo.
Theta Xi, Treasurer, President; ASME; AIChE; St. Par's Board.

KREIKEMEIER, Kraig G.—ME St. Louis, Mo.
Independents; Fifty-Niner's Club; ASME; SAE; Newman Club; Honor List.



SENIOR CLASS



Kreikemeier, K. G.
Lago, C. M.
Lane, R. L.

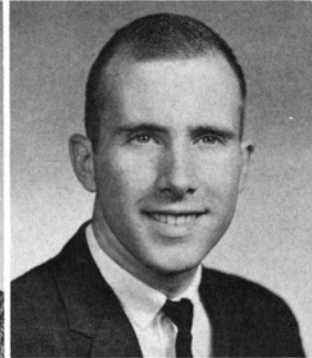
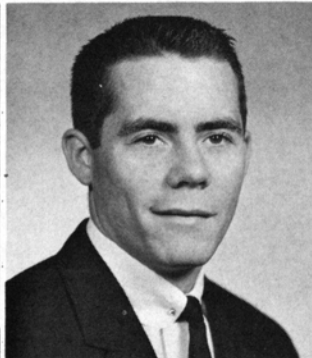
Kreisel, W. E.
Lamb, J. C.
Laneman, G. D.

Kriege, E. A.
Lammers, A. W.
LaPlante, A. H.



Kozeny, E. C.
Kraus, R. W.

Kramer, R. E.
Kreichelt, T. E.



KREISEL, William E.—EE Sedalia, Mo.
Shamrock Club; Fifty-Niner's Club; ROTC Band; Concert Band.

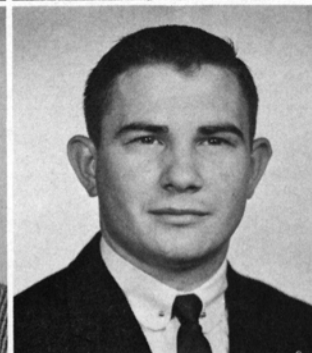
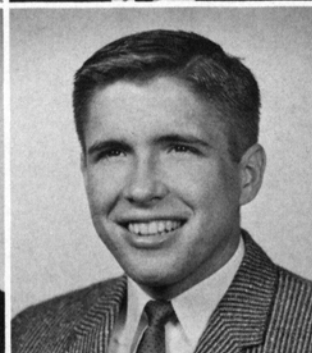
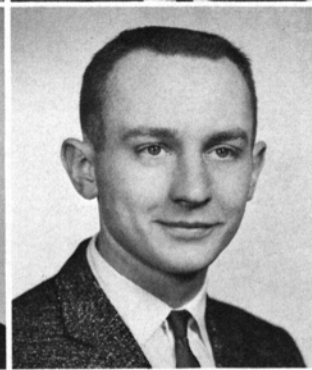
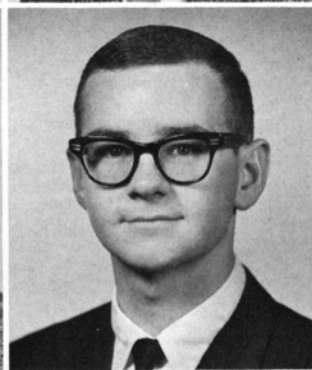
KRIEGE, Edward A.—ME St. Louis, Mo.
Lambda Chi Alpha; SAE; Honor List.

LAGO, Carlos M.—Met Santurce, Puerto Rico
Tau Kappa Epsilon; ASM; Newman Club; Honor List; Transferred from Colorado School of Mines.

LAMB, John C.—Math Neosho, Mo.
MRHA; Independents; American Institute of Physics; Fifty-Niner's Club; Newman Club; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award; Silver Key; ROTC Band; Association of Computer Machinery.

LAMMERS, Albert W.—Ceramic Okawville, Ill.
Independents; Tech Club; ACS; SAME; Kappa Kappa Psi; Student Union Board; Rollamo Board; ROTC Band.

LANE, Robert L.—CE Shreveport, La.
Honor List.



LANEMAN, Gary D.—CE St. Louis, Mo.
Beta Sigma Psi; ASCE; Student Union Board, News Service
Comm.; Glee Club; Spelunker's Club.

LAPLANTE, Allan H.—CE East Prairie, Mo.
Lambda Chi Alpha; AICHE; AIEE; ASCE, President; Honor List;
Distinguished Military Student; Board of Curators Summer Camp
Award.

LARSON, William D.—Physics Sevedeporg, Mo.
Independents; Fifty-Niner's Club; Sigma Gamma Epsilon; Sigma
Pi Sigma; Texaco Scholarship; Curators Scholarship; Honor List;
Phi Kappa Phi Book Plate Award; Gold Key.

LAWSON, Palmer A.—EE Bourbon, Mo.
Eta Kappa Nu; Honor List; Transferred from Northwest Mis-
souri State College.

LAZARAS, Peter J.—ChE Roselle Park, N.J.
Theta Xi; AICHE; Newman Club; Pershing Rifles.

LEAMY, Harry J.—Met-Nuclear Roxana, Ill.
Independents; Tech Club, Secretary, Treasurer; ASM; Nuclear
Engineering Society; Alpha Phi Omega; Sigma Gamma Epsilon;
Alpha Sigma Mu; Student Council; Honor List; Silver Key; Phi
Kappa Phi Book Plate Award; Inter-Co-op Council; MSM Rifle
Team; Transferred from Southern Illinois University.

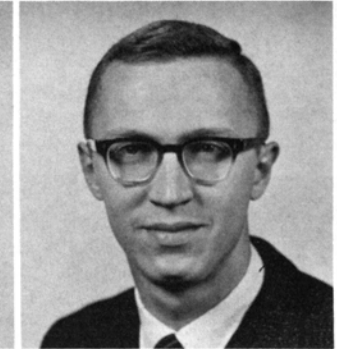
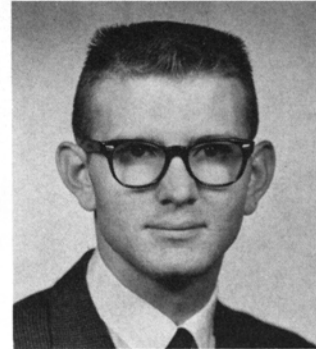
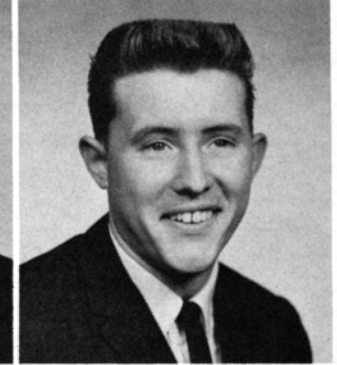
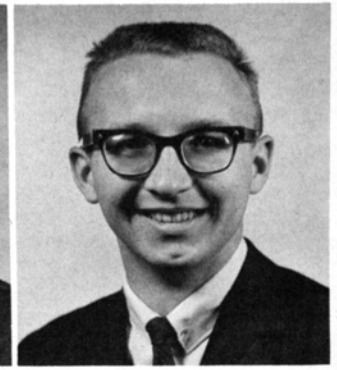
LEONARD, Marvin H., Jr.—ME Pruitt, Mo.
ASME; Transferred Southwest Baptist College.

LESLIE, Charles M.—EE Marshfield, Mo.
Tau Kappa Epsilon; Transferred from Southwest Missouri State
College.

LEWIS, James W.—ChE Cape Girardeau, Mo.
AICHE; Transferred from Southeast Missouri State College.

L'HOMMEDIEU, Ronald L.—CE Valley Park, Mo.
Independents; Tech Club; BSU; Student Union Board; Curators
Scholarship.

LIBIEZ, James D.—Geology Peru, Ill.
Independents; Tech Club; MRHA, Judicial Board; C. L. Dake
Society; Sigma Gamma Epsilon; Spelunker's Club; Honor List;
V. H. McNutt Summer Field Camp Scholarship; Transferred
from LaSalle College.



Larson, W. D.
Leamy, H. J.
Lewis, J. W.

Lawson, P. A.
Leonard, M. H.
L'Hommedieu, R. L.

Lazaras, P. J.
Leslie, C. M.
Libiez, J. D.

Ligon, W. R.
Lindsey, D. H.

Lina, J. A.
Lira, R. E.

Lindsay, D. F.
Lisher, A. A.



LIGON, William R.—CE Edwardsville, Ill.
Triangle, Treasurer, Vice-President; ASCE; Blue Key; Chi Epsi-
lon; Student Union Board, Movie Comm.; Inter-Fraternity Coun-
cil, President; Phi Kappa Phi Book Plate Award; Silver Key;
Distinguished Military Student.

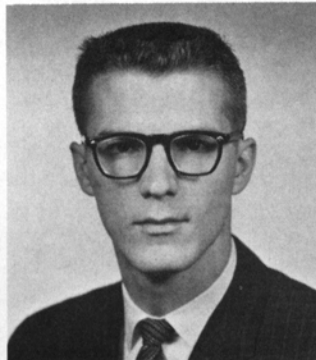
LINA, John A.—CE St. Louis, Mo.
Theta Xi; Engineer's Club; ASCE; Spelunker's Club; Co-op Mis-
souri State Highway Comm.; Curators Scholarship; Honor List.

LINDSAY, David F.—ME St. Louis, Mo.
Independents; Fifty-Niner's Club; ASME; Newman Club; Cu-
rators Scholarship.

LINDSEY, David H.—ME St. Louis, Mo.
Fifty-Niner's Club; ROTC Band; Honor List; Transferred from
Harding College.

LIRA, Richard E.—ME St. James, Mo.

LISHER, Alan A., Jr.—CE Affton, Mo.
Lambda Chi Alpha; ASCE; Rollamo Board; Gold Key; Honor
List.

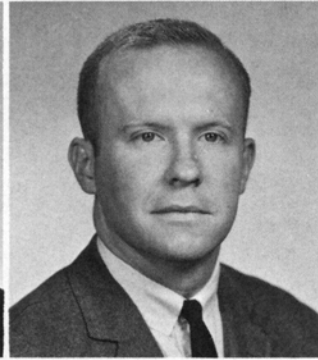




LOAFMAN, James W.—ME St. Louis, Mo.
Sigma Phi Epsilon; Transferred from Southeast Missouri State College.

LOGAN, K. W.—Physics North Kansas City, Mo.
Fifty-Niner's Club; American Institute of Physics; BSU; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award; Silver Key.

MACCRINDLE, Colin C.—Met Slatington, Penn.
Tau Kappa Epsilon; Independents; MRHA; ASM; Transferred from Penn State College.



MACHMEIER, Paul M.—Met Milwaukee, Wis.
Independents; Engineer's Club; AIME; ASM; Sigma Gamma Epsilon; AFS; Transferred from University of Wisconsin and M.I.T.

MANN, John F.—CE Metropolis, Ill.
Triangle; ASCE; Stamp Club.

MARKLAND, Robert E.—CE Richmond Heights, Mo.
Pi Kappa Alpha, Treasurer, Vice-President; ASCE, President; Rollamo Board; Transferred from University of Cincinnati.

Loafman, J. W.
Machmeier, P. M.

Logan, K. W.
Mann, J. F.

MacCrindle, C. C.
Markland, R. E.

MARTIN, Richard L.—Met Manson, Ill.
Independents; MRHA; ASM; AFS; Sigma Gamma Epsilon; BSU, Secretary; Honor List; Silver Key; Foundry Educational Foundation Scholarship.

MARTIN, Robert L.—CE Independence, Mo.
Independents; MRHA; Fifty-Niner's Club; ASCE.

MARTIN, Wade A.—CE Mexico, Mo.
Delta Sigma Phi, Secretary Vice-President; ASCE, Corres. Secretary; Chi Epsilon; Theta Tau, Treasurer; Blue Key, President, Secretary; Military Ball Board; Pershing Rifles; ASME; Secretary; Curators Scholarship; Distinguished Military Student; Who's Who; Honor List; Silver Key; Red Fourragere.

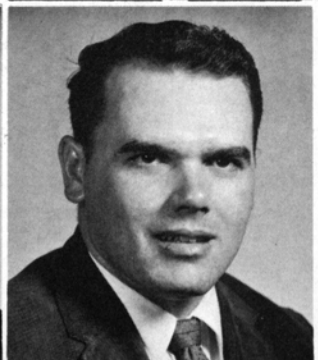
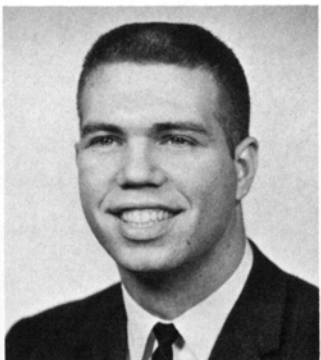
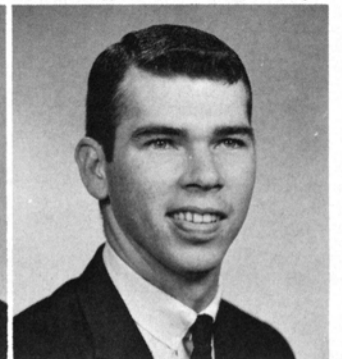
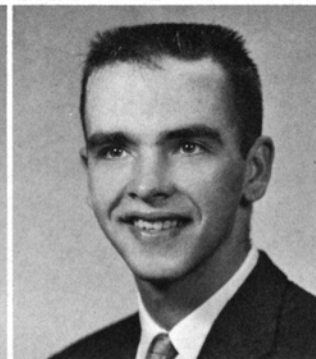
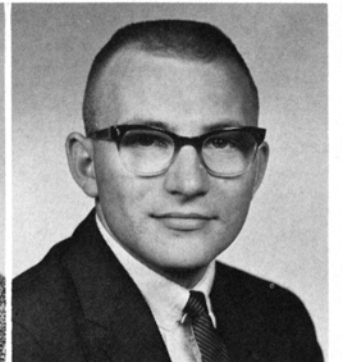
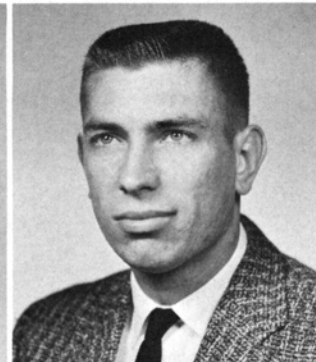
MARQUEZ, Juan N.—Geology Caracas, Venezuela
C. L. Dake Society; International Fellowship; Stamp Club; Transferred from Institute of Mathematics.

MASON, Donald G.—CE Ferguson, Mo.
Kappa Alpha, Secretary; ASCE; Alpha Chi Sigma; Chi Epsilon; "M" Club; Honor List; Silver Key; Tennis.

Martin, R. L.
Marquez, J. N.

Martin, R. L.
Mason, D. G.

Martin, W. A.
Mason, D. R.



Mastin, J. D.
Mausshardt, D. A.
May, C. D.



SENIOR CLASS

McCRARY, Charles E.—EE Fayette, Mo.
Independents; Engineer's Club; AIEE-IRE, Secretary; Eta Kappa Nu; Curators Scholarship; Honor List; Gold Key.

McCULLOUGH, Lane A. Jr.—Ceramic Kirkwood, Mo.
Sigma Phi Epsilon; ACS; Student Council; Curators Scholarship; Honor List.

McGHAY, Maynard H.—EE Kansas City, Mo.
Honor List.

McKEE, Paul E.—CE Summerville, Mo.
ASCE; Chi Epsilon; Pershing Rifles; Curators Scholarship; Honor List; Co-op Missouri State Highway Comm.

McKEE, William C.—Physics St. James, Mo.
Sigma Gamma Epsilon; Sigma Pi Sigma; Tau Beta Pi; Honor List; Curators Scholarship; Phi Kappa Phi Book Plate Award; Gold Key; Co-op Union Carbide; Co-op Argonne National Lab.

McKENNA, John V.—ChE Paducah, Ky.
Independents; Shamrock Club; AIChE; Newman Club.

McMAHON, Terrence J.—EE Affton, Mo.
MRHA; Shamrock Club; AIEE-IRE; Pershing Rifles; Glee Club; Curators Scholarship; Red Fourragere; Blue Fourragere.

McPHEETERS, Charles—Met Fairdealing, Mo.
Delta Sigma Phi; ASM; AIME; Alpha Sigma Mu; Foundry Educational Foundation Scholarship; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award; Deister Company Scholarship; Silver Key; Co-op Union Carbide.

MEADOR, George C.—CE Springfield, Ill.
Independents; Shamrock Club; ASCE; Newman Club; Wesley Foundation; ROTC Band.

MELCHOR, Manuel J.—CE St. Ann, Mo.
Independents; Fifty-Niner's Club; Newman Club.

MELZER, John L.—EE Effingham, Ill.
Independents; Fifty-Niner's Club; AIEE-IRE; Honor List.

MENZEL, Harry W.—ME Rolla, Mo.
Transferred from Southeast Missouri State College.

MASON, Donald R.—Math Senath, Mo.
Independents; Shamrock Club; American Institute of Physics; Tennis; "M" Club; Honor List; Inter Co-op Council; Association of Computer Machinery.

MASTIN, Jon D.—ME Lee's Summit, Mo.
Fifty-Niner's Club; American Institute of Physics; Wesley Foundation, Treasurer; Honor List; Association of Computer Machinery; Liahona Fellowship.

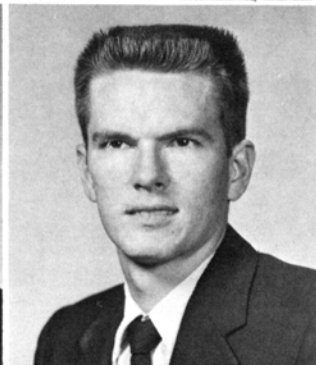
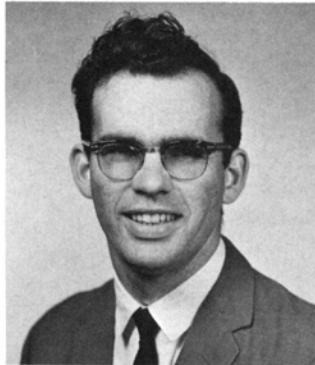
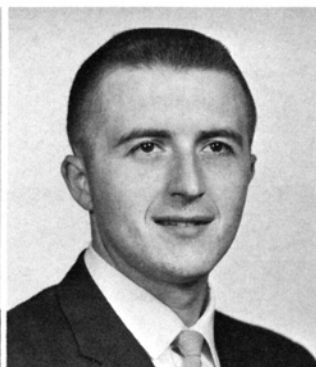
MAUSSHARDT, David A.—CE St. Louis, Mo.
Kappa Sigma; ASCE; Swimming; "M" Club.

MAY, Charles D.—EE Middleton, Mo.
Independents; Tech Club; Fifty-Niner's Club; AIEE-IRE; ARS; Honor List.

McCrary, C. E.
McKee, P. E.
McMahon, T. J.
Melchor, M. J.

McCullough, L. A.
McKee, W. C.
McPheeters, C.
Melzer, J. L.

McGhay, M. H.
McKenna, J. V.
Meador, G. C.
Menzel, H. W.





Meredith, V. E.
Miller, H. R.

Merrell, D. L.
Miller, R. G.

Meyer, W. D.
Miller, T. F.

Middleton, D. R.
Mills, R. D.

Miller, F. H.
Mitchell, R. D.

SENIOR CLASS



MEREDITH, Virgil E.—Physics Sedalia, Mo.
Independents; Fifty-Niner's Club; American Institute of Physics;
Kappa Mu Epsilon, Secretary, President; Wesley Foundation;
Honor List; Lucy W. James Scholarship; Silver Key.

MERRELL, David L.—CE Rolla, Mo.
ASCE; Chi Alpha; ROTC Band.

MEYER, William D. Jr.—Math Florissant, Mo.
Fifty-Niner's Club; Sigma Pi Sigma; Wesley Foundation; Glee
Club; Honor List; Association of Computer Machinery.

MIDDLETON, Daniel R.—ChE Pickneyville, Ill.
Independents; MRHA, Judicial Board; AICHe; Alpha Chi Sigma;
Newman Club; Honor List; Phi Kappa Phi Book Plate Award.

MILLER, Franklin H.—ME Rolla, Mo.
Curators Scholarship.

MILLER, H. R.—ChE Glendale, Mo.
Sigma Phi Epsilon, Secretary; AICHe, Secretary, Treasurer; Alpha
Chi Sigma; Blue Key; Student Union Board, Mixer Comm.;
Glee Club; Honor List; Who's Who; Distinguished Military
Student.

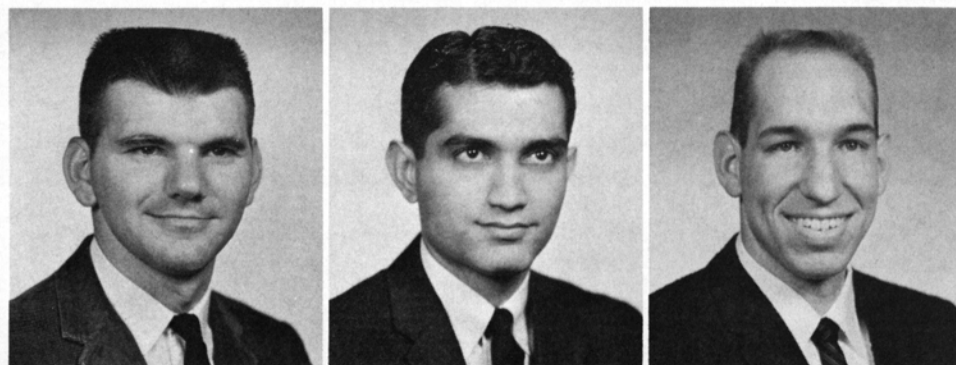
MILLER, R. G.—Chem Ozark, Mo.
MRHA, Secretary, Treasurer; Fifty-Niner's Club; AICHe; W. T.
Schrenk Chemical Society; Alpha Chi Sigma; Tau Beta Pi; BSU,
Treasurer; Curators Scholarship; Silver Key; Honor List.

MILLER, Thomas F.—Physics St. Louis, Mo.
Fifty-Niner's Club; Spelunker's Club; Swimming; Curators Schol-
arship; Honor List; Phi Kappa Phi Book Plate Award.

MILLS, Richard D.—CE St. Louis, Mo.
Triangle; ASCE; Transferred from Harris Teachers College.

MITCHELL, Ronald D.—ChE O'Fallon, Mo.
Independents; Fifty-Niner's Club; AICHe; Alpha Chi Sigma;
UCCF; Curators Scholarship; Honor List.

MODDE, Michael F.—Ceramic Hampshire, Ill.
Shamrock Club; ACS; Keramos; Sigma Gamma Epsilon; Honor
List; Transferred from University of Illinois; Elgin Community
College; Wisconsin State College.



Modde, M. F.

Mohajir, G. H.

Mohapp, J. E.

MOHAJIR, Gazanfer H.—Pet Hyderabad, India
Fifty-Niner's Club; AIME; India Association; Transferred from
Osmania University.

MOHAPP, James E.—ME Jennings, Mo.
Independents; Engineer's Club; SAE; ASME; Pershing Rifles.

MONDAY, Marvin K.—EE St. Charles, Mo.
Beta Sigma Psi; Theta Tau; Student Union Board; St. Pat's
Board, Treasurer.

MONTGOMERY, Randall R.—CE Rolla, Mo.
ASCE; Honor List; Transferred from Southeast Missouri State
College.

MOORE, Lowell D.—EE Warsaw, Mo.
AIEE-IRE, Secretary; BSU; Honor List; Eta Kappa Nu; Silver
Key; Phi Kappa Phi Book Plate Award; Transferred from Central
Missouri State College.

MOORE, Nathaniel D.—ME Norfolk, Va.
Independents; MRHA; Shamrock Club; Honor List; Transferred
from Virginia State College.

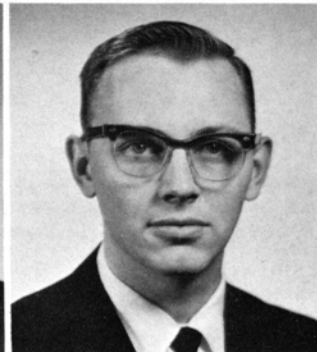
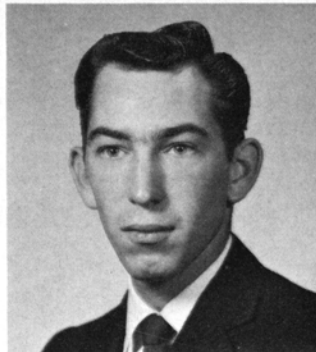
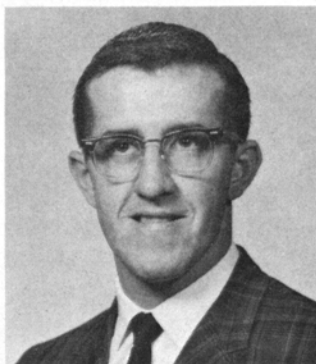
MOORMANN, Bernard J.—ChE Desoto, Mo.
Fifty-Niner's Club; Shamrock Club; AICHE; Alpha Chi Sigma;
Newman Club; Transferred from St. Louis Prep, Seminary.

MORGAN, Harry B.—ME St. Louis, Mo.
Sigma Tau Gamma, Treasurer; SAE; ASME; Pershing Rifles.

MORRIS, Harvery E.—ME Ferguson, Mo.
Independent; MRHA; SAE; ASME; Honor List; Transferred from
Washington University and Harris Teachers College.

MORRIS, Mark W.—Physics Kansas City, Mo.
Independents; Prospector's Club; Kappa Mu Epsilon; Pershing
Rifles; Curators Scholarship; Honor List; Sigma Pi Sigma; Phi
Kappa Phi Book Plate Award; Red Fourragere; Lucy W. James
Scholarship; Blue Fourragere; Distinguished Military Student
Award.

MORRISON, Donald J.—EE Salem, Mo.
Shamrock Club; AIEE-IRE; Kappa Mu Epsilon; Honor List;
Transferred from Southwest Baptist College.



Monday, M. K.
Moore, N. D.
Morris, H. E.

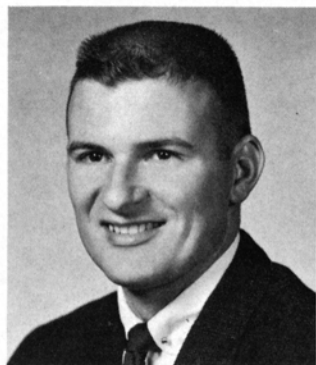
Montgomery, R. R.
Moormann, B. J.
Morris, M. W.

Moore, L. D.
Morgan, H. B.
Morrison, D. J.

Moss, H. M.

Moylan, M. R.

Mueller, G. D.



MOSS, Howard M.—EE
BSU.

St. James, Mo.

MOYLAN, Michael R.—Ceramic Perry, Mo.
Delta Sigma Phi; AICHE; ACS, Treasurer; Association of Com-
puter Machinery; Newman Club.

MUELLER, Gary D.—EE O'Fallon, Ill.
Independents; Fifty-Niners' Club; AIEE-IRE; Honor List; Trans-
ferred from Belleville Junior College.

MULLINS, Ronald L.—ME Richmond Heights, Mo.
Independents; Engineer's Club; SAE; Curators Scholarship; Honor
List; Phi Kappa Phi Book Plate Award.

MURPHY, Glenn G.—Met Portageville, Mo.
Prospector's Club; ASM; Sigma Gamma Epsilon; Curators Schol-
arship; Honor List.

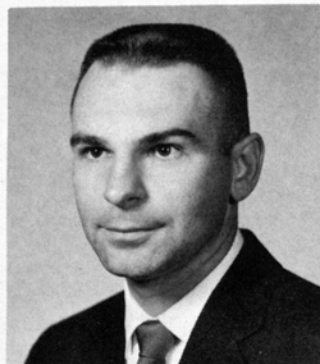
MURRY, Milton J.—EE Herculaneum, Mo.
Independents; Prospector's Club; AIEE; Student Council; Red
Fourragere, Chicago Tribune Award; Transferred from Southeast
Missouri State College.



Mullins, R. L.

Murphy, G. G.

Murry, M. J.



MUTH, Arnold J.—CE
ASCE; Honor List.

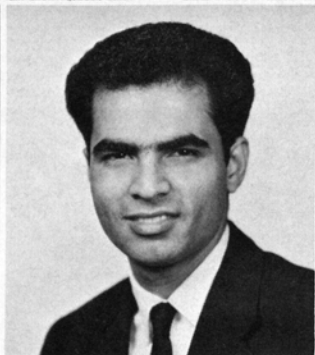
Rolla, Mo.

MYERS, Howard E.—ChE
Sigma Nu; AIChE; Transferred from Kansas City Junior College.

Kansas City, Mo.

MYERS, Jack F.—ME
Independents; ASME; Engineer's Club; BSU; Military Ball Board.

Poplar Bluff, Mo.



MYLINSKI, Joseph M.—EE
Theta Xi, Secretary; AIEE-IRE; St. Pat's Board.

Perth Amboy, N.J.

NAIYER, Shafique—CE
ASCE; India Association; International Fellowship.

Palma, India

NELSON, David A.—CE

Kirkwood, Mo.

Muth, A. J.
Mylinski, J. M.

Myers, H. E.
Naiyer, S.

Myers, J. F.
Nelson, D. A.

Neubauer, E. R.
Nickerson, C. R.
Noble, J. L.

Niblock, G. A.
Niehaus, E. F.
Nodland, S. K.

Nicholson, T. P.
Niles, A. E.
Nolan, M. F.

NEUBAUER, Earle R., Jr.—Met
Pi Kappa Alpha, President; SAE; ASME, Secretary President;
AFS; Theta Tau; Blue Key; Student Council.

Collinsville, Ill.

NIBLOCK, Glenn A.—ME
Independents; Prospector's Club; Honor List; Foundry Educational Foundation Scholarship.

Overland, Mo.

NICHOLSON, Thomas P.—Met-Nuclear
Independents; Prospector's Club; ASM; ARS.

Mt. Vernon, Mo.

NICKERSON, Charles R.—CE
Sigma Nu; ASCE; Transferred from Central Missouri State College.

La Plata, Mo.

NIEHAUS, Everett F.—CE
Phi Kappa Theta; Miner Board; Rollamo Board; Transferred from St. Louis University.

Webster Groves, Mo.

NILES, Alfred E.—CE

Smith Center, Kan.

NOBLE, James L.—ME
Pi Kappa Alpha; AFS; AIEE-IRE; Foundry Educational Foundation Scholarship; Honor List; Transferred from Southeast Missouri State College.

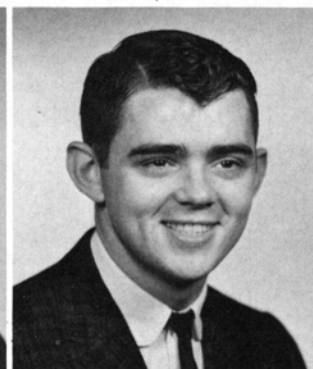
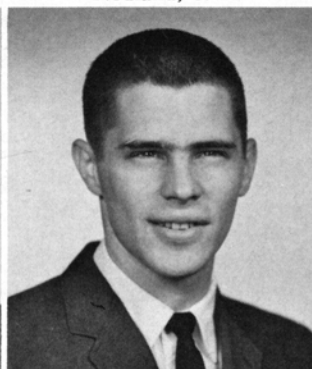
St. Louis, Mo.

NODLAND, Stanley K.—CE
Tau Beta Pi, Secretary; Honor List; Golf.

St. Petersburg, Fla.

NOLAN, Michael F.—Met
Kappa Sigma; Independents; MRHA, Treasurer; ASM, Secretary, President; AFS; Honor List; Foundry Educational Foundation Scholarship.

Chattanooga, Tenn.



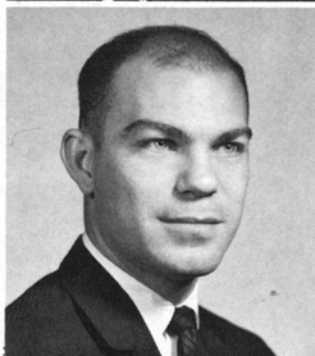
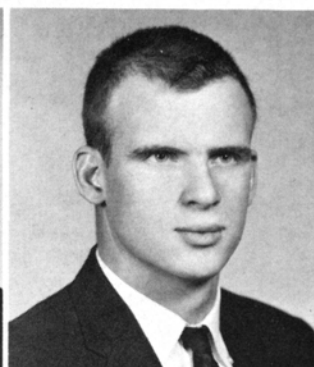
NOLES, Dewey F.—EE Paducah, Ky.
Eta Kappa Nu; BSU; Honor List; Transferred from University of Kentucky, Murray State, and Paducah Junior College.

NORMAN, Eric J.—Physics University City, Mo.
Kappa Sigma; St. Pat's Board; Honor List.

NORMAN, Michael K.—ChE Bloomfield, Mo.
Sigma Tau Gamma, Secretary; Independents; AIChE; Alpha Phi Omega; Alpha Chi Sigma; Kappa Mu Epsilon; BSU; Curators Scholarship; Honor List; Distinguished Military Student Award.

NORTHCUTT, Donald R.—Met Saverton, Mo.
Independents; Fifty-Niner's Club; AIME; AFS; ASM; Honor List; Foundry Educational Foundation Scholarship; Transferred from Hannibal La Grange College.

Noles, D. F.
Northcutt, D. R.



Norman, E. J.
Oberhaus, T. K.

Norman M. K.
O'Brien, M. G.



O'Farrell, T. P.
Osborne, R. G.

O'Haren, W. E.
Ousley, L. W.

Olson, R. C.
Overall, G. M.

OLSON, Robert C.—Met-Nuclear Morris, Ill.
Independents; Tech Club; Nuclear Engineering Society; Football; "M" Club; Honor List; Rolla Lions Club Scholarship; Phi Kappa Phi Book Plate Award.

OSBORNE, Robert G. II—Met-Nuclear Belleville, Ill.
Independents; Prospector's Club, President; ASM; Nuclear Engineering Society; Newman Club; Transferred from Belleville Junior College.

OUSLEY, Lee W.—EE Dixon, Mo.
Independents; AIEE.

OVERALL, Georgina M.—Met Havana, Cuba
SWE; Nuclear Engineering Society; Honor List; Federation of Latin American Students, Secretary; Transferred from Tulane University.

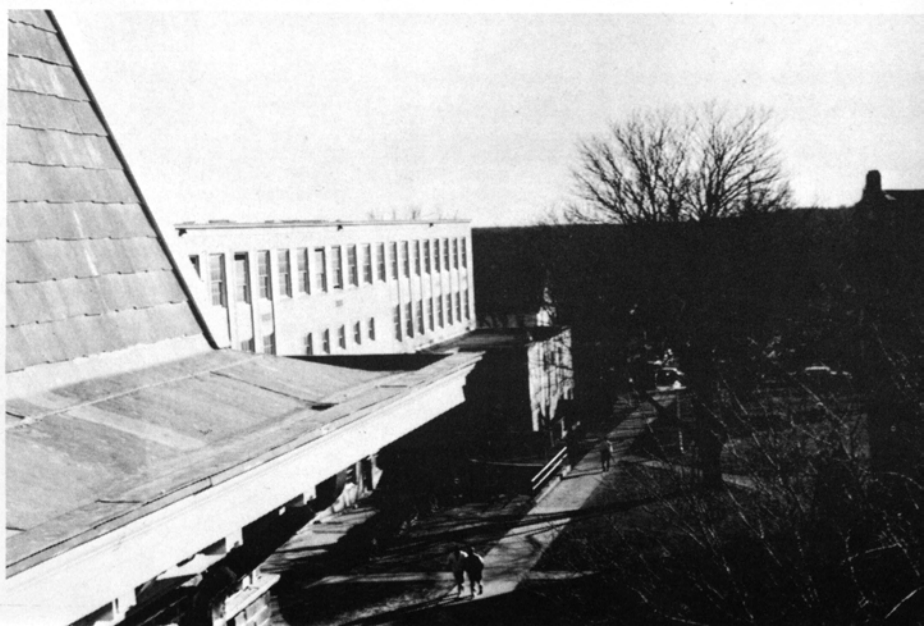
SENIOR CLASS

OBERHAUS, Thomas K.—CE Webster Groves, Mo.
Sigma Phi Epsilon; ASCE; Honor List.

O'BRIEN, Michael G.—CE St. Louis, Mo.
Independents; Fifty-Niner's Club, President, Secretary; ASCE; Blue Key; Chi Epsilon; Tau Beta Pi; Newman Club, President; Student Council, Vice-President; Honor List; Joe B. Butler Memorial Award; Transferred from St. Louis University, Washington University, St. Joseph College.

O'FARRELL, Thomas P.—CE Quincy, Ill.
Delta Sigma Phi, President; ASCE; Chi Epsilon; Honor List; Transferred from Western Illinois University.

O'HAREN, William E.—Math St. Louis, Mo.
Shamrock Club; Association of Computer Machinery; Alpha Phi Omega; Curators Scholarship; Honor List.



OVERLEAS, Gary L.—CE Rolla, Mo.
Kappa Sigma; ASCE; SAME; Curators Scholarship.

PACKWOOD, Donald L.—Physics St. Joseph, Mo.
Kappa Alpha; AIEE-IRE; American Institute of Physics, Treasurer; Kappa Mu Epsilon; Sigma Gamma Epsilon; Sigma Pi Sigma; Honor List; Glee Club; Phi Kappa Phi Book Plate Award.

PALM, Walter E.—ME Ferguson, Mo.
SAE; Pi Tau Sigma; Tau Beta Pi; BSU; Honor List; Phi Kappa Phi Book Plate Award.



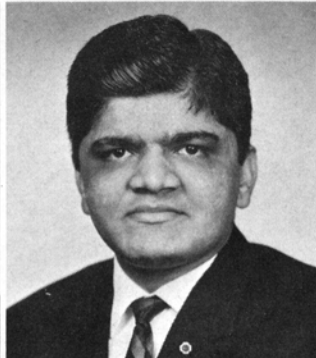
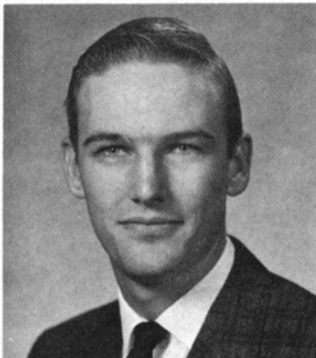
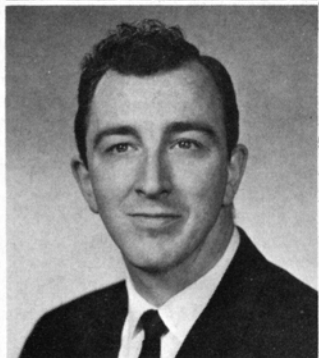
SENIOR CLASS



Palmer, L. H.
Pappas, J. M.
Parker, W. H.

Palmerton, J. B.
Pappert, J. J.
Patel, A. T.

Pandya, V. K.
Parker, J. T.
Patel, A. M.



Overleas, G. L.
Palm, W. E.

Packwood, D. L.
Palmer, L. T.

PALMER, Lee T.—Ceramic
Independents; Tech Club; AICHE; ACS.

Paducah, Ky.

PALMER, Leo H.—EE Lamar, Mo.
Independents; Prospector's Club; Pershing Rifles; AIEE-IRE.

PALMERTON, John B.—Physics Springfield, Mo.
Independents; Prospector's Club; Honor List.

PANDYA, Vidyut K.—ME Bombay, India
Independents; Fifty-Niner's Club; ASME; India Association; International Fellowship; Secretary; Honor List.

PAPPAS, James M.—Pet Argo, Ill.
Independents; MRHA; AIME, Treasurer; Pershing Rifles, ROTC Band; Honor List; Socony Mobil Oil Scholarship; Phi Kappa Phi Book Plate Award.



PAPPERT, John J.—ME St. Louis, Mo.
ASME; Student Union Board; Honor List.

PARKER, John T.—Physics Neosho, Mo.
Independents; Fifty-Niner's Club; SAME; ROTC Band.

PARKER, William H.—Ceramic Rolla, Mo.
Kappa Sigma, Secretary; AIChE; ACS, Secretary; ASM; Blue Key;
Keramos, President; Sigma Gamma Epsilon; Miner Board; Stamp
Club; Honor List.

PATEL, Ambalal T.—EE Ahmedabad, India
AIEE; India Association; Honor List.

PATEL, Arvind M.—Pet Baroda, India
AIME; India Association.

PATEL, Kantibhai H.—EE Gujarat, India
AIEE; India Association.

PATEL, Mahesh S.—Met Gujarat, India
International Fellowship; India Association; Stamp Club.

PATEL, Manu C.—Pet Baroda, India
AIME; India Association; Transferred from University of Baroda.

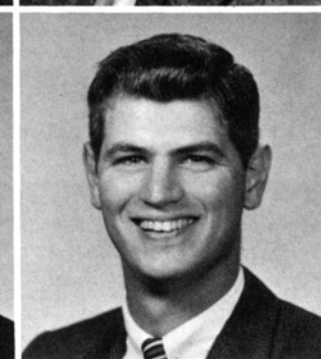
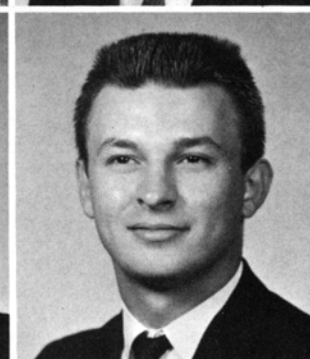
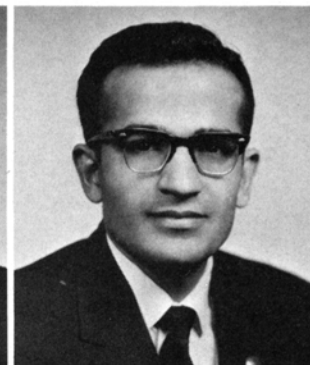
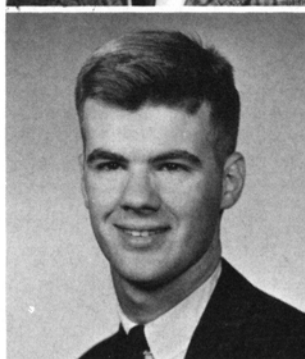
PATEL, Pravih A.—ME Bombay, India
ASME; India Association; International Fellowship; Transferred
from University of Baroda and Michigan College of Mining.

PATEL, Vithalbhai G.—CE Gujarat, India
ASCE; India Association; Transferred from University of Baroda.

PATTERSON, Jack D.—Physics House Springs, Mo.
Independents; Shamrock; Canterbury Club; Spelunker's Club;
Photo Club; Radio Club; Honor List.

PAYNE, Thomas E.—ChE Mt. Carmel, Ill.
Kappa Alpha; AIChE; ARS; Alpha Phi Omega; Newman Club.

PEARSON, Charles D.—ME Ironton, Mo.
Independents; Fifty-Niner's Club; Tech Club.



Patel, K. H.
Patel, P. A.
Payne, T. E.

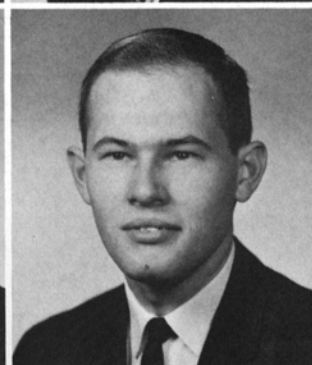
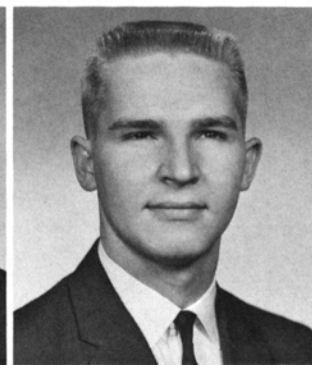
Patel, M. S.
Patel, V. G.
Pearson, C. D.

Patel, M. C.
Patterson, J. D.
Pedrotti, L. J.

Peimann, L. O.
Peters, D. G.

Pekowski, R. B.
Peterson, D. L.

Perko, R. A.
Philhours, J. E.



PEDROTTI, Lawrence J.—ME Richmond Heights, Mo.
Independents; MRHA, Secretary; Fifty-Niner's Club; Engineer's
Club; SAE; ASME; Newman Club.

PEIMANN, Larry O.—EE Florissant, Mo.
Beta Sigma Psi; AIEE-IRE; Gamma Delta, President; Student
Union Board; Student Council; Interfaith Council, Secretary;
Curators Scholarship; Honor List.

PEKOWSKI, Robert B.—Met St. Louis, Mo.
ASME; ASM; Transferred from Harris Junior College.

PERKO, Richard A.—EE St. Louis, Mo.
SAME; Kappa Mu Epsilon; Honor List; Red Fourragere.

PETERS, Donald G.—CE Humphreys, Mo.
Independents; MRHA, Secretary, Treasurer; Prospector's Club;
Fifty-Niner's Club; ASCE; SAME; Curators Scholarship; Honor
List; Distinguished Military Student.

PETERSON, Donald L.—CE Quincy, Ill.
Independents; MRHA, Secretary, Treasurer; ASCE; Alpha Phi
Omega; UCCF; Honor List.

PHILHOURS, Joel E.—Physics Hornersville, Mo.
Lambda Chi Alpha; American Institute of Physics; Sigma Pi
Sigma; Tau Beta Pi, Secretary; Phi Kappa Phi; BSU; Honor List;
Phi Kappa Phi Book Plate Award; Gold Key; Co-op Argonne
National Lab.



PHILLIPS, Rudy M.—ChE Chicago, Ill.
Kappa Alpha; Engineer's Club; AIChE, Vice-President; ARS; Alpha Chi Sigma, Vice-President; Blue Key; Kappa Mu Epsilon; Phi Kappa Phi; Gamma Delta; Tau Beta Pi; Honor List; AIChE Sophomore Scholarship; Kappa Alpha Scholarship; Texico Scholarship; Gold Key; AIChE Junior Scholarship.

PICKEL, Herbert, Jr.—EE Rogers, Ark.
Shamrock Club; AIEE; BSU; Radio Club; Enoch R. Needles Speech Award; Transferred from Drury College.



PINNER, Douglas K.—Met St. Louis, Mo.
Pi Kappa Alpha; AFS; ASM; Rollamo Board; Miner Board; Inter-Fraternity Council; Curators Scholarship.

POETTGEN, George G.—ME Freeburg, Mo.
ASME; Newman Club.

POHL, Richard F.—EE Springfield, Mo.
Independents; Shamrock Club; AIEE-IRE; Eta Kappa Nu; Honor List.

Phillips, R. M.
Poettgen, G. G.

Pickel, H.
Pohl, R. F.

Pinner, D. K.
Pohlig, K. C.

Pointer, G. N.
Poush, K. A.

Popp, R. H.
Pruitt, L. L.

Porter, L. D.
Purcell, G. G.

POHLIG, Kenneth C.—ME St. Louis, Mo.
Sigma Nu, Treasurer; ASME; AFS; Theta Tau, President, Secretary; Blue Key; Newman Club; St. Pat's Board, Treasurer; Honor List; Foundry Educational Foundation Scholarship.

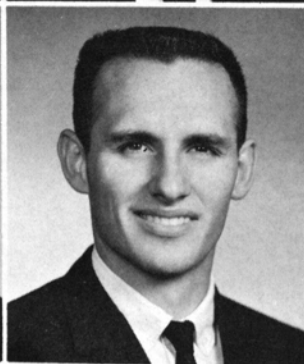
POINTER, Gary N.—Geology Piasa, Ill.
Shamrock Club; Sigma Gamma Epsilon; C. L. Dake Society; Honor List.

POPP, Raymond H.—EE Jackson, Mo.
Beta Sigma Psi; AIEE-IRE; Gamma Delta; Curators Scholarship.

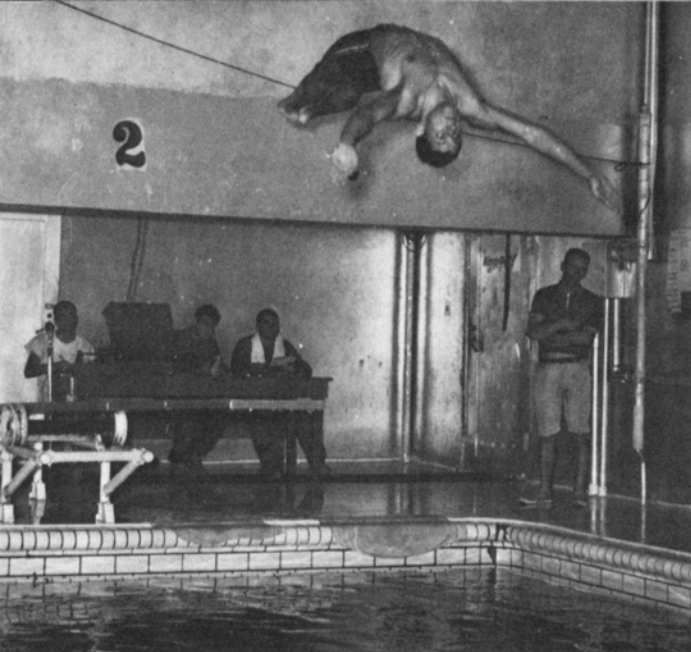
PORTER, Larry D.—ChE Mercer, Mo.
AIChE; Tau Beta Pi; Phi Kappa Phi; Transferred from Northeast Mo. State.

POUSH, Kenneth A.—Met-Nuclear Kansas City, Mo.
Prospector's Club; Nuclear Engineering Society; ASM; Alpha Sigma Mu; Phi Kappa Phi; Tau Beta Pi; Curators Scholarship; Honor List; Gold Key; Special Educational Scholarship.

PRUITT, Lyle L.—CE Elmo, Mo.
Honor List.



Purmort, A. R.
Rabenau, R.
Raber, R. F.



SENIOR CLASS

RABER, Richard F.—CE Mount Carmel, Ill.
Fifty-Niner's Club; ASCE; Spelunker's Club, Vice-President; Stamp Club; Independents.

RADDATZ, Richard L.—ME St. Louis, Mo.
Prospector's Club; ASME; SAME; Independents.

RADER, LeRoy A.—CE Lathrop, Mo.
Fifty-Niner's Club; ASCE.

RAGLAND, Ronald E.—EE Berkeley, Mo.
Sigma Tau Gamma; Honor List; Curators Scholarship; Student Union Board, Dance Comm., Chairman.

RAKO, Carl G.—ME Prairie DeRocher, Ill.
Fifty-Niner's Club; Independents; ROTC Band; Honor List.

RAKOWITZ, James A.—CE San Antonio, Texas
ASCE; Honor List.

RANDALL, Larry M.—Mining Quincy, Ill.
Sigma Tau Gamma; Alpha Phi Omega; C. L. Dake Society; AIME, Treasurer.

RAY, Paul A.—EE Rolla, Mo.
Sigma Tau Gamma; AIEE-IRE; Theta Tau; Honor List; Inter-Faith Council; Student Union Board, Research Comm., Chairman.

REAGAN, John A.—Physics Gladston, Mo.
Tau Kappa Epsilon, Secretary; ASM; American Institute of Physics, President; Sigma Gamma Epsilon, Vice-President; Kappa Mu Epsilon; Phi Kappa Phi; Tau Beta Pi; Canterbury Club; Honor List; Gold Key; Phi Kappa Phi Book Plate Award.

REDINGTON, Edward A.—CE Centralia, Mo.
ASCE; Newman Club.

REED, Jo L.—CE Marshall, Mo.
Kappa Alpha; Alpha Chi Sigma; Honor List.

REEDER, Dennis R.—Ceramic E. Alton, Ill.
Triangle, Secretary, Vice-President; ACS, Vice-President; Student Union Board, Secretary; Rollamo Board.

REID, Bill H.—CE Fort Smith, Ark.
Shamrock Club; ASCE; Honor List.

PURCELL, Gerald G.—Met-Nuclear Salem, Ill.
Engineer's Club; ASM; Nuclear Engineering Society; Alpha Phi Omega; Alpha Sigma Mu; Honor List; Foundry Education Foundation Scholarship; Phi Kappa Phi Book Plate Award; Co-op Caterpillar Tractor Company.

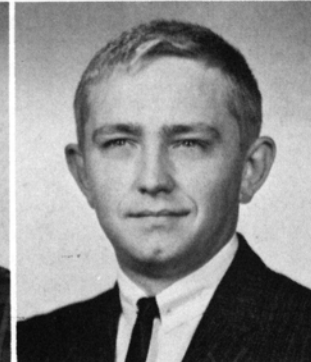
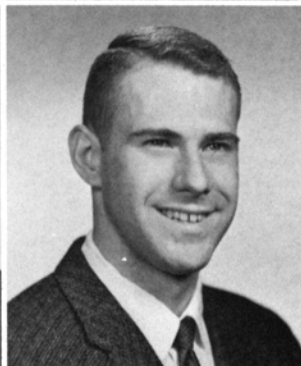
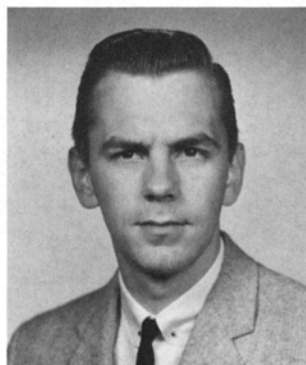
PURMORT, Arthur R.—ME St. Louis, Mo.
Lambda Chi Alpha; SAE; ASME; Honor List.

RABENAU, Richard—ME Caledonia, Mo.
Independents; Tech Club; Prospector's Club; Honor List; Per-shing Rifles; Distinguished Military Student.

Raddatz, R. L.
Rako, C. G.
Ray, P. A.
Reed, J. L.

Rader, L. A.
Rakowitz, J. A.
Reagan, J. A.
Reeder, D. R.

Ragland, R. E.
Randall, L. M.
Redington, E. A.
Reid, B. H.





Reinheimer, C. J.
Rice, J. L.

Reininger, R. L.
Richardson, M. R.

Reuling, D. O.
Riess, A. G.

Reynolds, C. L.
Rieth, L. E.

Rice, C. R.
Riggs, K. R.

SENIOR CLASS

REINHIMER, Charles J.—Physics St. Louis, Mo.
Independents; American Institute of Physics; Newman Club.

REININGER, Robert L., Jr.—ME Mount Vernon, Ill.
Independents; Fifty-Niner's Club; ASME.

REULING, Donald O.—ME Affton, Mo.
Phi Alpha, Treasurer; ASME; Alpha Phi Omega; Newman Club;
Honor List.

REYNOLDS, Charles L.—CE Rolla, Mo.
ASCE; Honor List; H. T. Mann Scholarship; Phi Kappa Phi
Book Plate.

RICE, Cliff R.—CE Rolla, Mo.
Independents; Prospector's Club; Pershing Rifles; Honor List;
Co-op Missouri State Highway Comm.

RICE, John L.—CE Hannibal, Mo.
Independents; Engineer's Club, Treasurer; ASCE; Chi Epsilon,
Secretary; Phi Kappa Phi; Tau Beta Pi; Honor List; Phi Kappa
Phi Book Plate Award; Gold Key.

RICHARDSON, Maurice R.—EE Mount Vernon, Ill.
AIEE-IRE.

RIESS, Andrew G.—ME St. Louis, Mo.
Independents; Tech Club; SAME; AICHE; ASME; Newman Club;
Rollamo Board; Honor List.

RIETH, Larry E.—ME Marshall, Mo.
Independents; Fifty-Niner's Club; Newman Club.

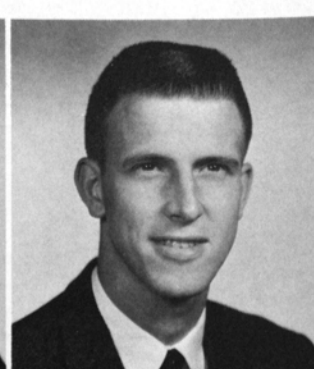
RIGGS, Kenneth R.—Met-Nuclear Scott City, Mo.
Triangle; Shamrock Club; ASM; Nuclear Engineering Society;
Alpha Sigma Mu; Honor List; Glee Club.



Riley, R.



Ringhausen, R. J.



Rinkel, G. E.



RILEY, Ronald—ChE St. Louis, Mo.
MRHA, Secretary, Treasurer; Independents; Shamrock Club; AICHe;
Alpha Chi Sigma; MSM Band.

RINGHAUSEN, Roger J.—CE St. Charles, Mo.
Independents; Fifty-Niner's Club; ASCE; Chi Epsilon; Newman
Club; Honor List.

RINKEL, Glenn E.—Met-Nuclear Edwardsville, Ill.
Triangle; Gamma Delta; Rollamo Board.

RINTOUL, Richard O.—CE Godfrey, Ill.
Independents; Tech Club; Chi Epsilon; Tau Beta Pi; Honor List;
Silver Key; Phi Kappa Phi Book Plate Award.

RISSER, Vilas V.—EE Ravenwood, Mo.
AIEE; Tau Beta Pi; Phi Kappa Phi; Liahona Fellowship; Honor
List; Missouri Society of Professional Engineer's Scholarship.

ROBBINS, Douglas A.—EE Odessa, Mo.
Independents; MRHA; Shamrock Club; AIEE; Sigma Pi Sigma;
Eta Kappa Nu; Tau Beta Pi; Rifle Team; Curators Scholarship;
Honor List; Phi Kappa Phi Book Plate Award; Gold Key.

ROBERTS, Carl J.—EE Camdenton, Mo.
AIEE-IRE; Radio Club; Honor List.

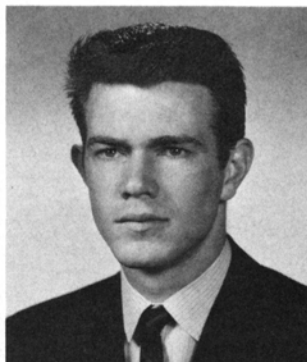
ROBERTS, John A.—ChE Northport, N.Y.

ROBERTSON, Ronald S.—ME Kansas City, Mo.
Tau Kappa Epsilon, Treasurer; ARS; ASME; Pi Tau Sigma; Kap-
pa Mu Epsilon; Honor List; Pershing Rifles.

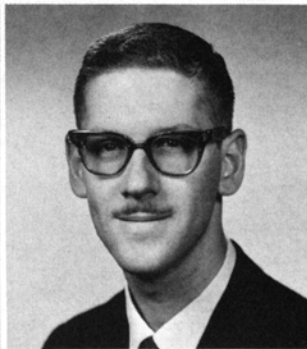
ROBINSON, James W.—ME Steelville, Mo.
Independents; BSU; Honor List.

ROBISON, James B.—Mining Whittier, Calif.
MRHA; Independents; Engineer's Club; AIME; Sigma Gamma
Epsilon; Gamma Delta, Treasurer; Interfaith Council; Spelunk-
ers; Glee Club; Secretary; Honor List; Phi Kappa Phi Book
Plate; Deister Concentrator Company Scholarship; MRHA, Pub-
licity Comm. Chairman; S. W. Lime Scholarship; Gold Key.

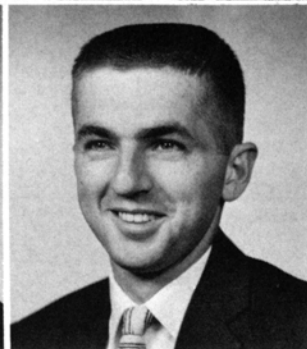
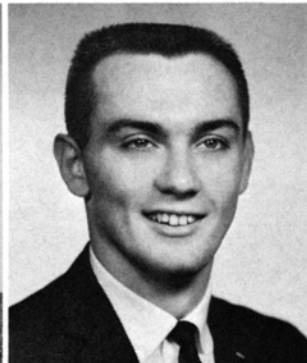
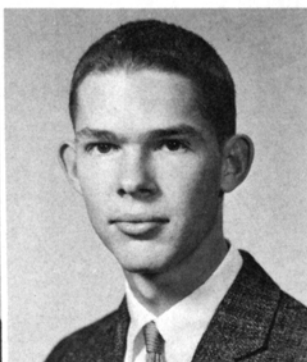
ROCK, Joseph P.—CE Springfield, Ill.
Shamrock Club; ASCE; Honor List.



Rintoul, R. O.
Roberts, C. J.
Robinson, J. W.



Risser, V. V.
Roberts, J. A.
Robison, J. B.



Robbins, D. A.
Robertson, R. S.
Rock, J. P.

Roeder, E. A.

Rohmaller, P. L.

Rommelman, R. V.



ROEDER, Eugene A.—CE Creve Coeur, Mo.
Kappa Sigma, Vice-President; ASCE, Treasurer, Vice-President;
Theta Tau; Honor List.

ROHMALLER, Paul L.—CE Carthage, Mo.
Tech Club; ASCE; Honor List.

ROMMELMAN, Robert V.—ChE Sullivan, Mo.
Independents; Engineer's Club; AICHe; Alpha Chi Sigma; Tau
Beta Pi; Curators Scholarship; Honor List; Silver Key; ROTC
Band; Concert Band; Distinguished Military Student; Red Four-
ragere, Blue Fourragere.

ROSEN, Kenneth L.—ME University City, Mo.
Independents; Prospector's Club; ARS; SAE; ASME.

ROTH, Brian J.—Physics Festus, Mo.
Lambda Chi Alpha; American Institute of Physics; ASME; Kappa
Mu Epsilon; Sigma Pi Sigma; Newman Club; Honor List; St.
Louis Science Fair Scholarship.

RUPPERT, John P.—Met Rolla, Mo.
Sigma Nu; AFS; ASM.



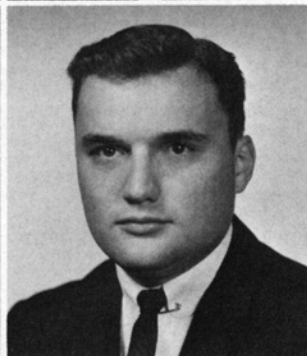
Rosen, K. L.

Roth, B. J.

Ruppert, J. P.



RYDLUND, Paul H.—Mining Trenton, Mich.
Sigma Tau Gamma; AIME; Jesse H. Steinmesch Memorial Scholarship; Student Union Board, Dance Comm.; St. Pat's Board.



SALMON, Ralph M.—CE Sedalia, Mo.
Independents; Fifty-Niner's Club; ASCE; Curators Scholarship; ROTC Band; Co-op Missouri State Highway Comm.

SANDER, Gary W.—CE Kirkwood, Mo.
ASCE.

SANGANI, Bhupat—ChE Bombay, India
AIChE; India Association; International Fellowship.

Rydlund, P. H.
Sangani, B.

Salmon, R. M.
Sanghvi, J. S.

Sander, G. W.
Saunders, J. G.

Saunders, W. E.
Schattyn, J. M.
Schmidt, D. R.

Schaffart, R. H.
Scheer, W. A.
Schmidt, S. M.

Schanbacher, W. M.
Schillinger, G. R.
Schmitz, E. W.

SANGHVI, Jagdish S.—ChE Bombay, India
India Association.

SAUNDERS, John G.—CE Lakenan, Mo.
Independents; Tech Club; ASCE; Newman Club; Rifle Club; Pistol Club.

SAUNDERS, William E.—ChE Noel, Mo.
Independents; Engineer's Club; AIChE; Phi Kappa Phi; Tau Beta Pi; Honor List; Phi Kappa Phi Book Plate Award.

SCHAFFART, Raymond H.—ME St. Clair, Mo.
Independents; Prospector's Club; SAE; ASME; Honor List.

SCHANBACHER, William M.—EE Hannibal, Mo.
Engineer's Club; AIEE; BSU; Honor List.

SCHATTYN, John M.—ME St. Louis, Mo.
Kappa Alpha; Pi Tau Sigma; Tau Beta Pi; Phi Kappa Phi; Honor List; ASME, Treasurer.

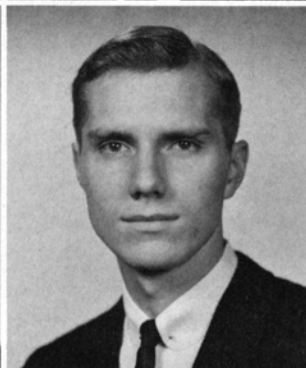
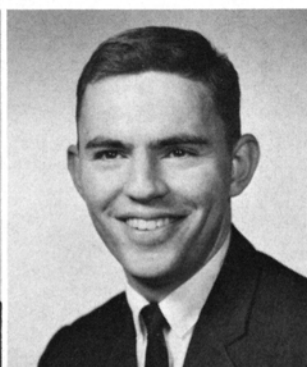
SCHEER, Wayne A.—ME St. Louis, Mo.
Beta Sigma Psi; ASME; ASE; Gamma Delta; St. Pat's Board; Student Union Board.

SCHILLINGER, George R.—CE Lema, Mo.
Phi Kappa Theta, Treasurer; ASCE; Chi Epsilon; Blue Key; Newman Club; Rollamo Board, Editor-in-Chief, Business Manager, Associate Editor; Gold Key; Curators Scholarship; MSM Alumni Association Award; Miner Board; Honor List; Phi Kappa Phi Book Plate Award; Who's Who; Phi Kappa Phi.

SCHMIDT, Daniel R.—EE Kirkwood, Mo.
Independents; Phi Alpha; AIEE; Alpha Phi Omega; Gamma Delta; Honor List; Track; "M" Club.

SCHMIDT, Shirley M.—Chem Grand Island, N.Y.
W. T. Schrenk Chemical Society; Honor List; SWE, President.

SCHMITZ, Ervin W.—ME St. Louis, Mo.
Phi Kappa Theta, President; Pi Tau Sigma; Rollamo Board; Honor List; Curators Scholarship; Joe B. Butler Memorial Award of the Missouri Society of Professional Engineers.



SCHNEIDER, Earl G.—CE
Sigma Tau Gamma; ASCE.

Kirkville, Mo.

SCHOENINGER, Hilbert E.—ME

Ferguson, Mo.

SCHOLLE, William A.—ChE

St. Louis, Mo.

Delta Sigma Phi; AIChE; Alpha Chi Sigma; Honor List; Silver Key.

SCHRICKER, Don—Physics

Jennings, Mo.

MRHA; Fifty-Niner's Club; AIEE-IRE; Radio Club; Rifle Club.

Schneider, E. G.
Schricker, D.



Schoeninger, H. E.
Schuchman, N. J.

Scholle, W. A.
Schuermeyer, W. F.



SENIOR CLASS

SCHUCHMAN, Norman J.—ME
ASME; Basketball.

Centralia, Ill.

SCHUERMEYER, William F.—EE
Acacia; SAME; AIEE-IRE; Christian Science Organization; Honor List; Co-op, McDonnell Aircraft Corp.

St. Louis, Mo.

SCHULKE, Richard H.—ME
Tech Club; SAE.

Maplewood, Mo.

SCHWALLER, David L.—ME
Phi Kappa Theta; SAE; Alpha Phi Omega; Alpha Chi Sigma; Newman Club; Rollamo Board; Honor List; American Power Conference Award; Foundry Educational Foundation Scholarship.

Jefferson City, Mo.



Schulke, R. H.
Schollay, B. H.

Schwaller, D. L.
Scott, C. L.

Schwenker, R. O.
Sedovic, J. T.

SCHWENKER, Robert O.—Physics
Independents; MRHA; American Institute of Physics; Kappa Mu Epsilon; Sigma Pi Sigma; Blue Key; Phi Kappa Phi; Tau Beta Pi; Gamma Delta; Curators Scholarship; Honor List; Tau Beta Pi Scholarship; Freshman Friends Scholarship; Red Fourragere; Phi Kappa Phi Book Plate Award; Gold Key.

New Haven, Mo.

SCHOLLAY, Bertram H.—ME
Independents; Prospector's Club; SAE; ASME; Canterbury Club.

Overland, Mo.

SCOTT, Carlton L.—ME
ASME; AIEE-IRE; Honor List.

St. Louis, Mo.

SEDOVIC, John T.—CE
Beta Sigma Psi; ASCE; Gamma Delta; Theta Tau; Curators Scholarship.

St. Louis, Mo.



SEHL, Eugene, Jr.—ME St. Louis, Mo.
Independents; Engineer's Club; SAE; ASME; Inter Co-op Council.

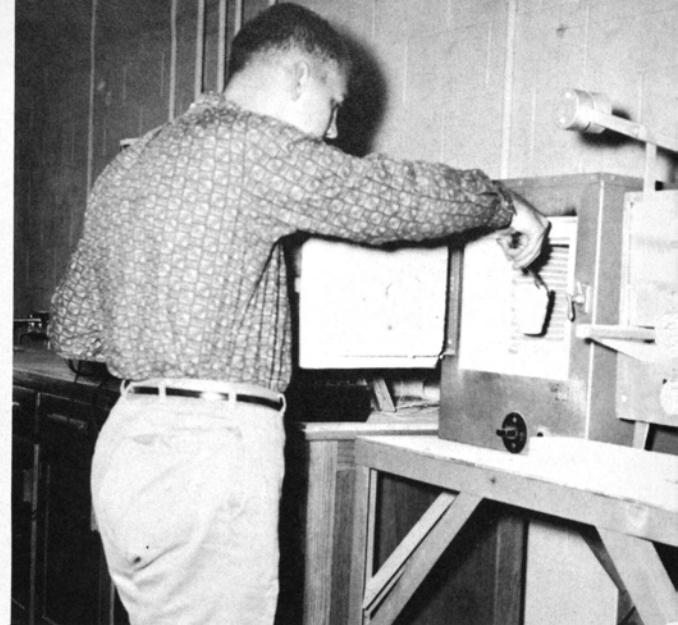
SEYMOUR, David J.—EE Chester, Ill.
Pi Kappa Alpha; Eta Kappa Nu; Rollamo Board; Honor List;
Transferred from Southeast Mo. State College.

SHAH, Jugdish G.—ChE Bombay, India
Fifty-Niner's Club; India Association; Transferred from University of Bombay.

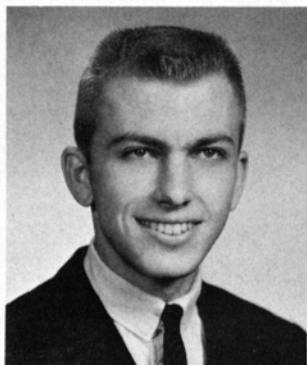
SHALTON, Lonnie J.—Met Independence, Mo.
Sigma Nu; ASM, Treasurer; AFS; Phi Kappa Phi; Alpha Sigma Mu, Secretary; Blue Key; Inter-Fraternity Council; Miner Board; Alumni Association Scholarship; Honor List; Silver Key; American Smelting and Refining Company Scholarship.

SHEPARD, Kenneth W.—ME Charleston, Mo.
Independents; Fifty-Niner's Club; ASME; SAE; BSU; ARS.

SHETH, Arvind R.—ChE Bombay, India
India Association; Transferred from University of Bombay.



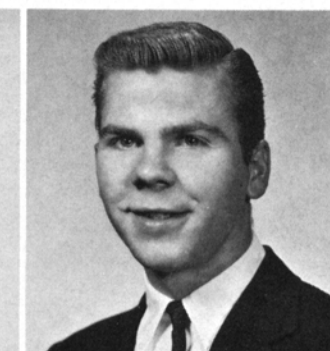
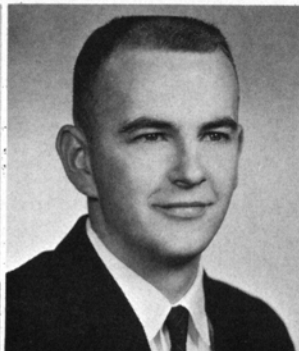
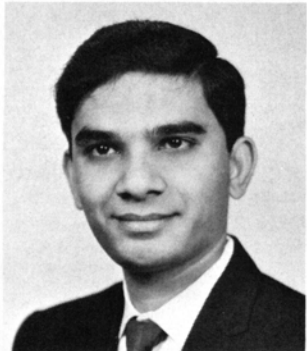
SENIOR CLASS



Shepard, K. W.
Shimamoto, R. K.
Sieckhaus, R. H.

Sheth, A. R.
Shodhan, R. P.
Siegele, R. J.

Shewchuk, J. P.
Shroyer, K. A.
Silverberg, C. G.



Sehl, E.
Shah, J. G.

Seymour, D. J.
Shalton, L. J.

SHEWCHUK, John P.—Met New York, N.Y.
Kappa Alpha; SAME; AFS; Alpha Phi Omega; Newman Club;
Student Union, Game and Tournament Comm.; Honor List.

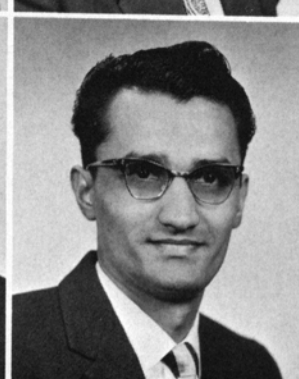
SHIMAMOTO, Richard K.—EE St. Louis, Mo.
Independents; Engineer's Club; BSU; Glee Club; Curators Scholarship; Honor List; Red Fourragere.

SHODHAN, Ramesh P.—Met Ahmedabad, India
Shamrock Club; AFS; AIME; India Association.

SHROYER, Kermit A.—EE Higginsville, Mo.
Independents; Engineer's Club; Military Ball Board; Honor List.

SIECKHAUS, Robert H.—CE St. Charles, Mo.
Pi Kappa Alpha, Secretary, Steward, Treasurer; ASCE; Alpha Phi Omega; Theta Tau; Newman Club; Rollamo Board, Editor-in-Chief, Associate Editor, Literary Editor; Inter-Fraternity Council; Gold Key; Honor List.

SIEGELE, Richard J.—Met Chicago, Ill.
Engineer's Club; ASM; Canterbury Club; Newman Club; Honor List; Foundry Educational Foundation Scholarship; Transferred from University of Illinois.



SILVERBERG, Carl G.—Ceramic Sturbridge, Mass.
Acacia; ACS; AIChE; Alpha Phi Omega, Vice-President, Treasurer; Wesley Foundation; Photo Club, Vice-President; Honor List.

SING, Charles T.—CE Rosebud, Mo.
Independents; Engineer's Club; ASCE; Military Ball Board; Curators Scholarship.

SISK, Murray H.—EE Joplin, Mo.
Kappa Sigma; Curators Scholarship; Honor List.

SIX, Edward A.—EE Decatur, Ill.
Independents; Prospector's Club; Honor List.

SKAMENCA, David G.—ChE Edwardsville, Ill.
Independents; Tech Club; AIChE; Alpha Chi Sigma; Tau Beta Pi, Treasurer; ROTC Band; Phi Kappa Phi Book Plate Award; Universal Oil Products Company Scholarship; Gold Key.

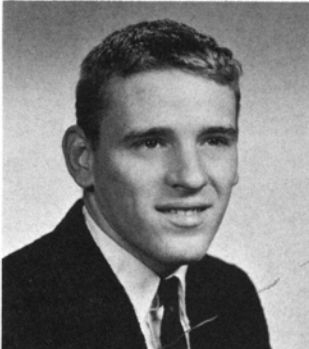
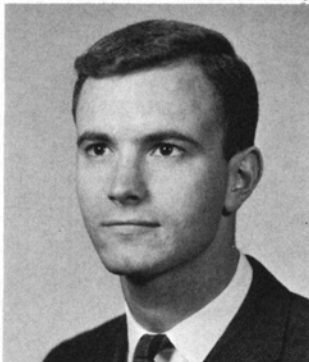
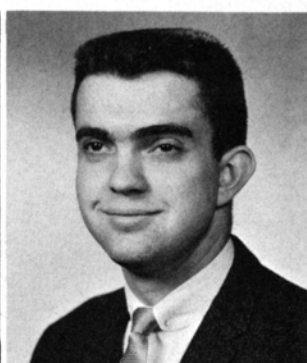
SKOUBY, Clifford D.—EE High Gate, Mo.
AIEE; Kappa Mu Epsilon; Phi Kappa Phi; Tau Beta Pi; Eta Kappa Nu; BSU; Phi Kappa Phi Book Plate Award; Honor List; Western Electric Company Scholarship; Gold Key.

SMASHEY, Russell W.—Met Hannibal, Mo.
Fifty-Niner's Club; ASM; Nuclear Engineering Society; Honor List; Transferred from Hannibal LaGrange College.

SMITH, Harvey S.—EE Springfield, Mo.
Independents; Shamrock Club; Radio Club.

SMITH, James R.—Physics Gainesville, Mo.
SAME; Association of Computer Machinery; Kappa Mu Epsilon; Sigma Pi Sigma; Honor List; Curators Scholarship; Gold Key; Knights Templar Educational Foundation Scholarship.

SMITH, James T.—EE St. Louis, Mo.
Radio Club; Honor List.



Sing, C. T.
Skamenca, D. G.
Smith, H. S.

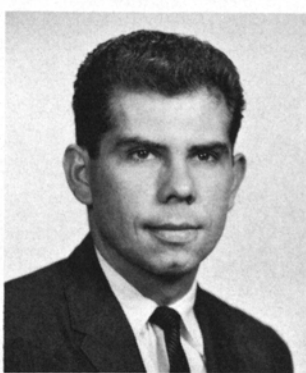
Sisk, M. H.
Skouby, C. D.
Smith, J. R.

Six, E. A.
Smashey, R. W.
Smith, J. T.

Smith, M. P.
Solomon, R. C.

Smith, S. L.
Spehr, J. L.

Sobczak, D. W.
Spencer, D. W.



SMITH, Michael P.—Met Crystal City, Mo.
Triangle; Newman Club; Rollamo Board; Curators Scholarship.

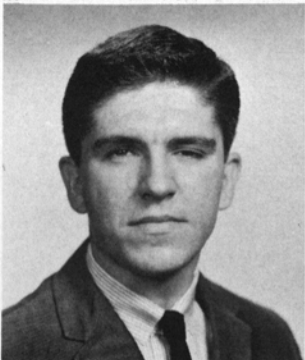
SMITH, Sam L.—ME Marion, Ill.
Independents; Prospector's Club; SAE; ASME; BSU; Honor List.

SOBCZAK, Donald W.—Met Calumet City, Ill.
Tau Kappa Epsilon; AIME, Vice-President; ASM; Miner Board; AFS; Transferred from Purdue University, Culver-Stockton, Thornton Jr. College.

SOLOMON, Russell C.—Met Edwardsville, Ill.
Triangle; ASM; Inter-Faith Council, President; ROTC Band.

SPEHR, James L.—Met St. Louis, Mo.
Phi Kappa Theta, Secretary; Alpha Phi Omega; Newman Club; Inter-Fraternity Council; Rollamo Board; Honor List; Co-op McDonnell Aircraft Corp.

SPENCER, David W.—CE Scott City, Mo.
Independents; Shamrock Club; ASCE; Gamma Delta; Honor List; Transferred from Southeast Mo. State College.

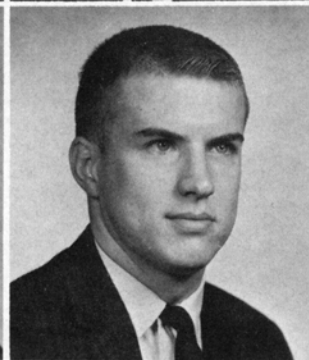
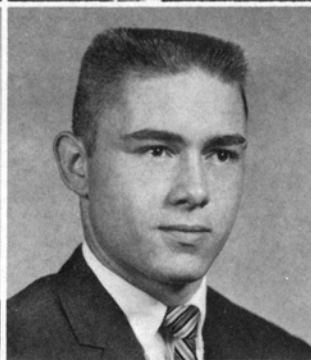




STADELMAN, James H.—Met St. Louis, Mo.
Beta Sigma Psi, Secretary; AICHe; Alpha Chi Sigma; Student Union Board; Spelunkers; Honor List.

STALEY, Joseph E.—EE St. Louis, Mo.
AIEE; Transferred from Washington University.

STARK, James R.—Mining Ferguson, Mo.
Triangle; AIME; BSU; Rollamo Board; Student Union; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award.



STARK, Thomas F.—Ceramic Ferguson, Mo.
Triangle ACS, Treasurer; BSU; Student Union; Rollamo Board; Curators Scholarship; Honor List; J. B. Arthur and Family Scholarship; Phi Kappa Phi Book Plate Award.

STEENO, Randall R.—EE St. Louis, Mo.
Sigma Tau Gamma; AIEE; SAME; St. Pat's Board.

STEGE, David H.—EE St. Louis, Mo.
Triangle; Transferred from Washington University, Harris Teacher's College.

Stadelman, J. H.
Stark, T. F.

Staley, J. E.
Steeno, R. R.

Stark, J. R.
Stege, D. H.

STEMLER, Orrin A.—CE Waterloo, Ill.
Lambda Chi Alpha, Vice-President; SAME; ASCE; Phi Kappa Phi; Chi Epsilon; Tau Beta Pi; UCCF, Secretary; St. Pat's Board; Honor List; Phi Kappa Phi Book Plate Award; Gold Key.

STEPHENSON, Jerry L.—ME Marceline, Mo.
Independents; Shamrock Club; ASME; Honor List; Phi Kappa Phi Book Plate Award.

STINE, William L.—EE Jefferson City, Mo.
MRHA; Shamrock Club; AIEE; UCCF; Glee Club; Honor List.

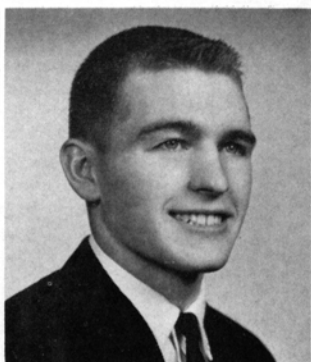
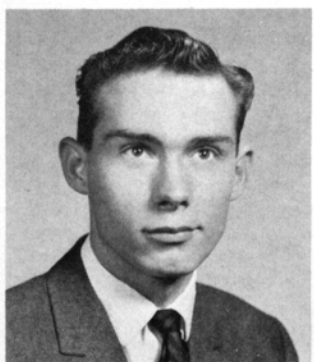
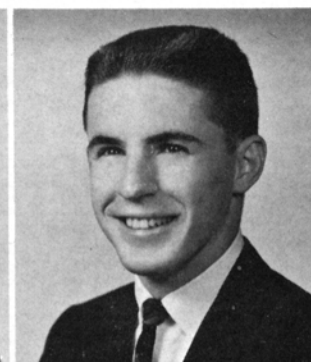
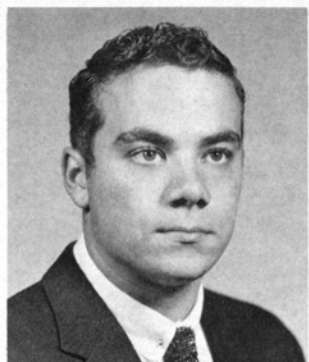
STREBLER, Raymond L.—ChE Fenton, Mo.
Independents; AIME; AICHe; BSU; Miner Board; Photo Club; Engineer's Club.

STRETCH, James R.—ME Lebanon, Mo.
Kappa Alpha, Vice-President; SAE, Vice-President.

Stemler, O. A.
Strebler, R. L.

Stephenson, J. L.
Stretch, J. R.

Stine, W. L.
Struebing, R. C.



Strunk, L. T.
Struder, J. J.
Suetterlin, J. F.



SENIOR CLASS

SUMMITT, James W.—ME Malden, Mo.
Independents Shamrock Club; Wesley Foundation; Glee Club,
President.

SUTTON, William R.—CE Overland, Mo.
Triangle, ASCE; Rollamo Board; Transferred from Harris Teach-
er's College.

SWEARINGEN, Kent W.—EE Mount Vernon, Mo.
Prospector's Club; AIEE; Eta Kappa Nu; UCCF, Vice-President;
Inter-Faith Council; ROTC Band; Curators Scholarship; Honor
List; Silver Key; Phi Kappa Phi Book Plate Award.

SWIFT, Billy K.—EE Independence, Mo.
Lambda Chi Alpha; Eta Kappa Nu; Honor List; Transferred from
Kansas City Jr. College.

SZARANOWSKI, Peter J.—EE Perth Emboy, N.J.
Theta Xi, Corresponding Secretary; AIEE; Newman Club; Honor
List.

TANKERSLEY, Ted R.—ME Rolla, Mo.
Independents; ASME.

TATE, Kenneth E.—ME Graff, Mo.
ASME; SAE; BSU; Inter-Faith Council, Secretary.

TAYLOR, Douglas T.—Met-Nuclear Woodriver, Ill.
Triangle; Nuclear Engineering Society; Rollamo Board; Student
Union, Dance Comm., News Service Comm.; Honor List; Phi
Kappa Phi Book Plate Award; Foundrymen's Educational Founda-
tion Scholarship; Powell Scholarship.

TAYLOR, Robert A., Jr.—EE Florissant, Mo.
Lambda Chi Alpha; Eta Kappa Nu; Spelunker's Club; Honor
List; Phi Kappa Phi Book Plate Award; Co-op McDonnell Air-
craft Corp.

TENNISSEN, Anthony C.—Geology Rolla, Mo.
Sigma Xi Assoc.

THAKURIA, Nandi R.—ChE Kamrup, Assam India
AIChE; Inter-Faith Council; India Association; Transferred from
St. Anthony's College.

STRUEBING, Rolland C. Pine Lawn, Mo.
Gamma Delta, Corresponding Secretary, Treasurer; Fifty-Niner's
Club; Glee Club.

STRUNK, Lawrence T.—CE St. Louis, Mo.
Triangle; Transferred from Harris Teacher's College.

STUDER, Jim J.—Met Monroe City, Mo.
Independents; Tech Club; ASM, AFS; ROTC Band; Honor List;
Foundry Educational Foundation Scholarship.

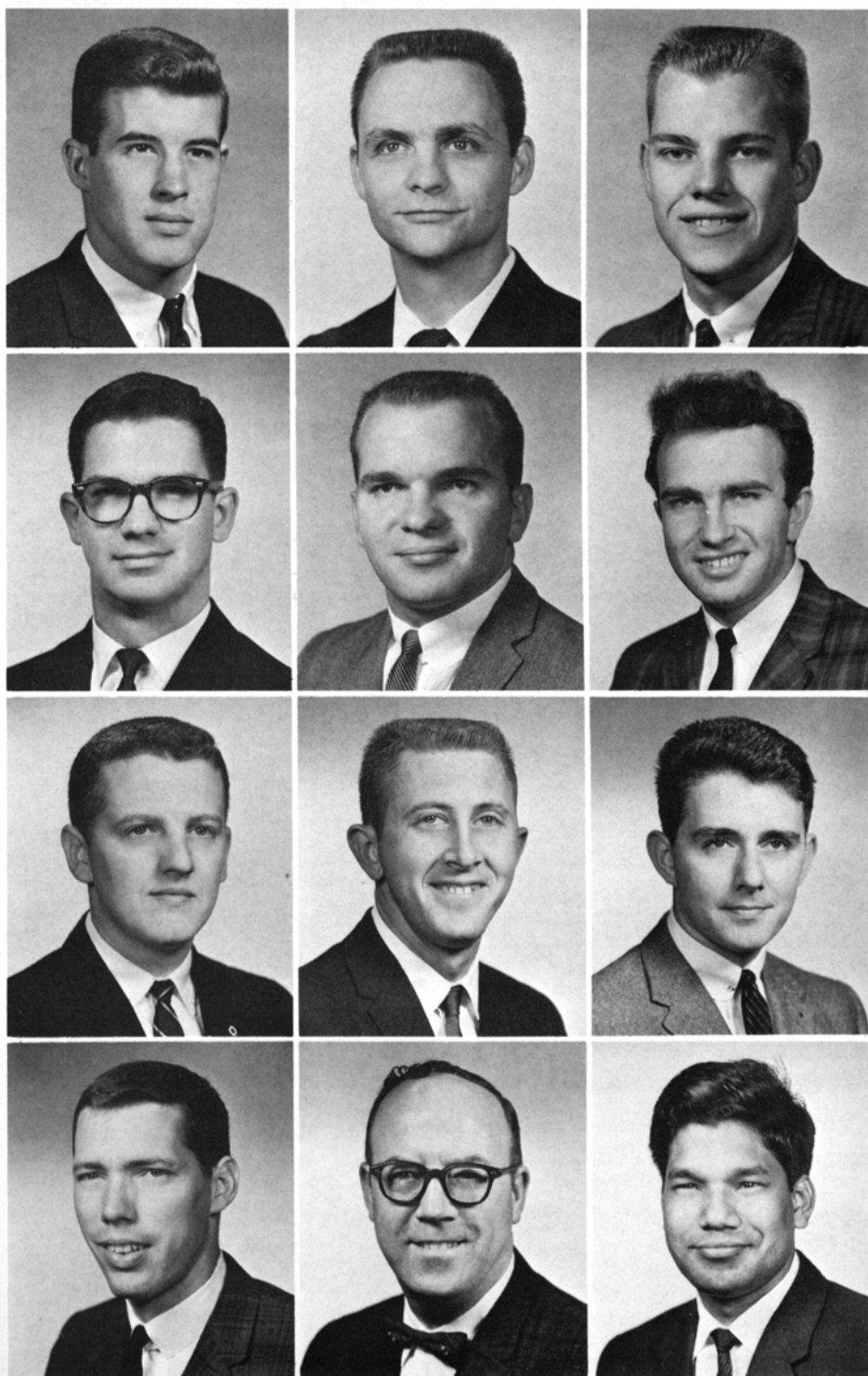
SUETTERLIN, Jack F.—EE Affton, Mo.
MRHA; Engineer's Club; AIEE; Student Council; Glee Club.

SUKOW, Dale E.—CE West Plains, Mo.
Tech Club; ASCE; Honor List; Transferred from Southwest Mo.
State College.

Sukow, D. E.
Swearingen, K. W.
Tankersley, T. R.
Taylor, R. A.

Summitt, J. W.
Swift, B. K.
Tate, K. E.
Tennissen, A. C.

Sutton, W. R.
Szaranowski, P. J.
Taylor, D. T.
Thakuria, N. R.





Thomas, J. L.
Tira, J. S.

Thomas, V. E.
Tolen, G. W.

Thompson, L. D.
Totty, V. J.

Thurman, D. E.
Tower, R. H.

Thurman, L. E.
Trautman, D. R.

SENIOR CLASS

THOMAS, Jere Lee—EE Desoto, Mo.
AIEE-IRE; BSU; Honor List.

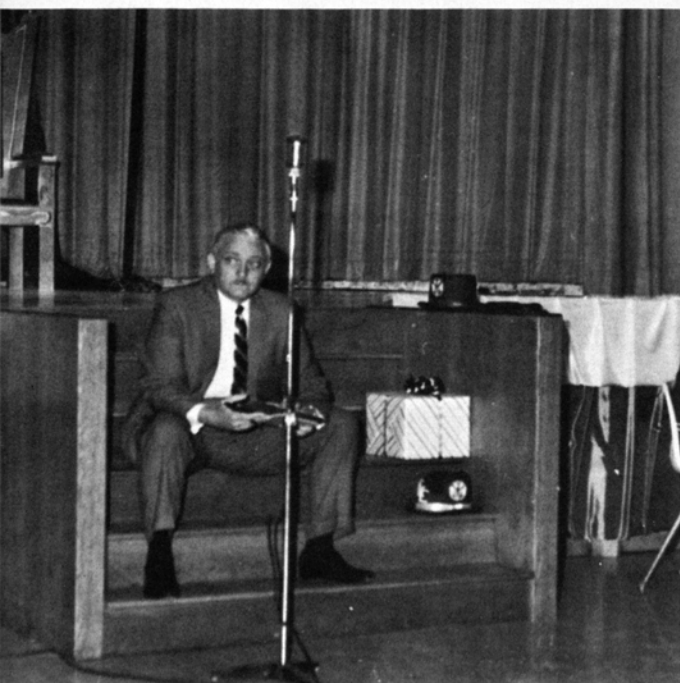
THOMAS, Virgil E., Jr.—EE Wyatt, Mo.
Delta Sigma Phi; AIEE-IRE; Newman Club; Radio Club, Secretary, Treasurer; Stamp Club; Honor List; Transferred from Paducah Jr. College, Southeast Mo. State College.

THOMPSON, Larry D.—EE Malta Bend, Mo.
AIEE-IRE; SAME; Radio Club, Secretary; Glee Club Band; Gold Key.

THURMAN, Duane E.—Chem Nevada, Mo.
Independents; AICHe; W. T. Schrenk Society; Alpha Chi Sigma; Tau Beta Pi; Phi Kappa Phi; Military Ball Board; Glee Club; Gold Key; Phi Kappa Phi Book Plate Award; Honor List; Alpha Chi Sigma Award; Universal Oil Products Co. Scholarship; Distinguished Military Student; Tau Beta Pi Freshman Friends Scholarship; Curators Scholarship.

THURMAN, Lowell E.—ME Crystal City, Mo.
Independents; Shamrock Club; SAE.

TIRA, James S.—Ceramics Benld, Ill.
Independents; Tech Club; Newman Club; Transferred from University of Illinois, Blackburn College.

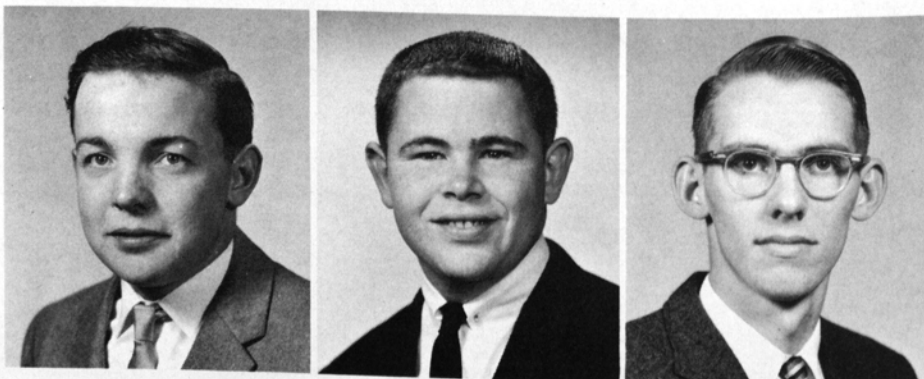


TOLAN, Gary W.—ME Joplin, Mo.
Independents; MRHA; SAE; Honor List; Transferred from Joplin Jr. College.

TOTTY, Vernie J.—EE Portage Ville, Mo.

TOWER, Ronald H.—ME Rolla, Mo.
Independents; ASME.

TRAUTMAN, Dennis R.—CE St. Genevieve, Mo.
Phi Kappa Theta; ASCE; Alpha Phi Omega; Newman Club; Honor List; Distinguished Military Student.



Treffinger, D. J.

True, J. E.

Tucker, T. E.

TREFFINGER, David J.—ChE Pacific, Mo.
AICHe; Honor List; Phi Kappa Phi Book Plate Award.

TRUE, John E.—EE St. Louis, Mo.
Phi Kappa Theta; Newman Club; Rollamo Board; Miner Board;
Inter-Fraternity Council; Honor List.

TUCKER, Thomas E.—Chem Arlington, Va.
Independents; Fifty-Niner's Club; C. L. Dake Society; Canterbury
Club; Spelunker's Club; Honor List.

UHL, Melvin W.—EE Ferguson, Mo.
AIEE-IRE; Eta Kappa Nu; Newman Club; Spelunker's Club;
Honor List; Phi Kappa Phi Book Plate Award; American Power
Conference Award; Transferred from Christian Brothers College.

VANDERGRIFF, Wayne L.—ME Rolla, Mo.
Independents; ASME; SAE; ARS; BSU.

VANINGER, Jon L.—EE St. Louis, Mo.
Lambda Chi Alpha; Transferred from Harris Teachers College.

VANNOY, Everett H.—EE Hughes Ville, Mo.
AIEE-IRE; Radio Club; Honor List; Phi Kappa Phi Book Plate
Award.

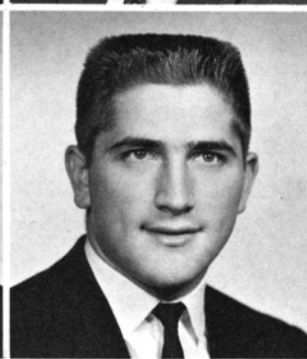
VERDI, James R.—Met Waukegan, Ill.
Sigma Nu; AFS; Outstanding Sigma Nu of Gamma Chi Chapter;
Football.

VIDAL, Arturo S.—CE Palma Sariano, Cuba
Shamrock Club; Newman Club; Transferred from the University
of Havana.

VILLAFANI, David M.—ChE Kansas City, Mo.
AICHe; Newman Club; Transferred from University of Havana,
Parks College.

VOGELPOHL, Robert J.—EE St. Louis, Mo.
Engineer's Club; Tau Beta Pi; Radio Club, President, Vice-Presi-
dent; Honor List; Red Fourragere; Gold Key; Phi Kappa Phi
Book Plate Award.

VOORHIS, Gary L.—EE Greentown, Indiana
Independents; Shamrock Club; AIEE-IRE; Eta Kappa Nu; Radio
Club; Honor List; Schlumberger Collegiate Award; General Motors
Scholarship; Football; Transferred from Indiana University.



Uhl, M. W.
Vannoy, E. H.
Villafani, D. M.

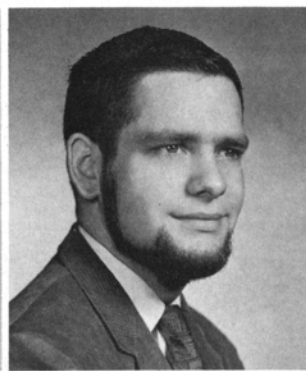
Vandergriff, W. L.
Verdi, J. R.
Vogelpohl, R. J.

Vaninger, J. L.
Vidal, A. S.
Voorhis, G. L.

Wacker, D. D.

Wagner, C. P.

Wahler, V. C.



WACKER, Daniel D.—ChE Owensville, Mo.
Independents; Engineer's Club; Alpha Chi Sigma; Honor List;
Inter-Co-op Council.

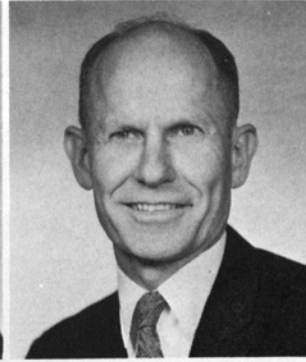
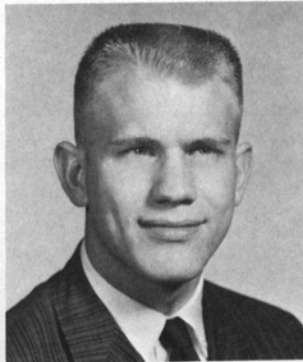
WAGNER, Clarence P.—ME Hilliesboro, Mo.
Phi Kappa Theta; SAME; Alpha Phi Omega; Newman Club;
Rollamo Board.

WAHLER, Vincient C.—Met Washington, D.C.
Independents; MRHA; ASM; AIME; Newman Club.

WALLIS, Richard A.—EE Kirkwood, Mo.
Independents; Fifty-Niner's Club; AIEE-IRE; Transferred from
Washington University.

WARNER, Harold E.—EE St. Louis, Mo.
Beta Sigma Psi; AIEE-IRE; Alpha Phi Omega; Gamma Delta,
Secretary, Treasurer, Vice-President; Glee Club.

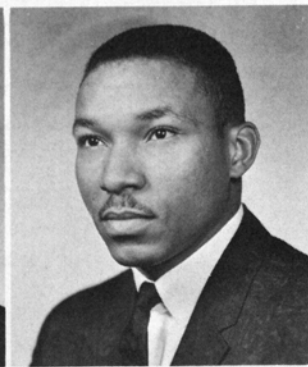
WARNER, Otis N.—Ceramics Rolla, Mo.
ACS; Keramos, Vice-President, Secretary; Spelunker's Club; Honor
List.



Wallis, R. A.

Warner, H. E.

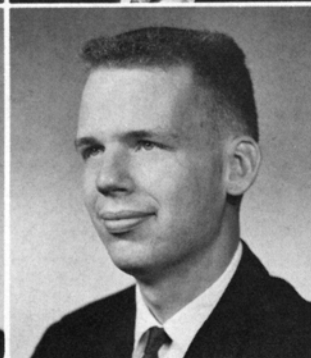
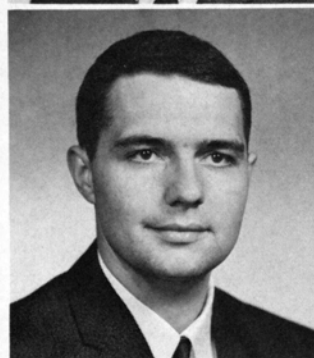
Warner, O. N.



WARREN, Oliver G.—EE St. Louis, Mo.
Independents; Prospector's Club; Spelunker's Club.

WATKE, Walter W., Jr.—Math Kansas City, Mo.
Association of Computer Machinery; Transferred from Kansas City Jr. College.

WATSON, Curtis R.—EE St. Louis, Mo.
Independents; BSU; Honor List; Phi Kappa Phi Book Plate Award.



WATTS, Howard R.—Math Fulton, Mo.
Fifty-Niner's Club; ASCE; Honor List; Curators Award.

WEIS, Roger R.—EE Ellisville, Mo.
Independents; Shamrock Club; MRHA; Spelunker's Club; Radio Club; Honor List; Curators Scholarship.

WENDLETON, John L.—CE Springfield, Mo.
Shamrock Club; ASCE; BSU; Inter-Faith Council; Pershing Rifles; Honor List.

Warren, O. G.
Watts, H. R.

Watke, W. W.
Weis, R. R.

Watson, C. R.
Wendleton, J. L.

White, J.
Wildt, A. R.
Williams, D. L.

Wiegand, T. D.
Willard, D. E.
Williams, M. E.

Wiegand, P. J.
Williams, C. E.
Wilson, D. E.

WHITE, Jim—ME Pundt, Mo.
Independents; Tech Club; ASME; SAME; Military Ball Board; Honor List.

WIEGAND, Terry D.—EE Roxana, Ill.
Independents; Tech Club; AIEE-IRE; Basketball; Inter Co-op Council; Transferred from Southern Illinois University.

WIEGARD, Paul J.—CE Evansville, Ill.
Sigma Nu; ASCE; "M" Club; Rolla Lions Club Scholarship; Football.

WILDT, Albert R.—ME St. Louis, Mo.
Fifty-Niner's Club; ASME; Honor List; Transferred from St. Louis University.

WILLARD, Dickie E.—CE Jamesport, Mo.
Independents; Engineer's Club; ASCE; Curators Scholarship.

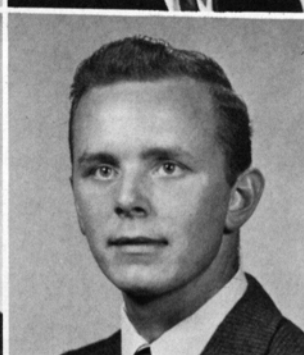
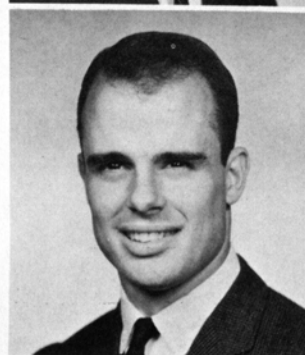
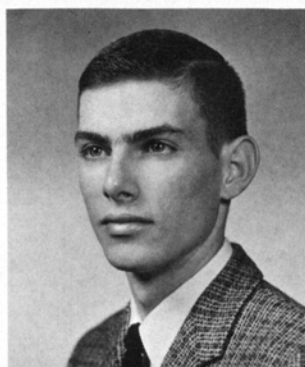
WILLIAMS, Charles E.—EE Licking, Mo.
Sigma Pi; AIEE-IRE.

WILLIAMS, Donald L.—EE St. Ann, Mo.
Phi Alpha, President; AIEE; Alpha Phi Omega; Distinguished Military Student.

WILLIAMS, Michael E.—Geology Overland, Mo.
Sigma Gamma Epsilon; Prospector's Club; Pershing Rifles; Glee Club; Honor List; Geologist of the Year; C. L. Dake Society.

WILSON, Daniel E.—ME Rosendale, Mo.
Independents; Engineer's Club; Pi Tau Sigma; Honor List; Phi Kappa Phi Book Plate Award; Distinguished Military Student.

WILSON, Tommie C.—Pet Kansas City, Mo.
Tau Kappa Epsilon, Secretary; ASME; Honor List; C. L. Dake Society.



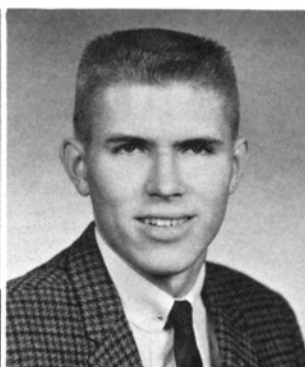
WINTER, Arthur R.—EE Overland, Mo.
 Lambda Chi Alpha; Tau Beta Pi; Eta Kappa Nu, Recording Secretary; Glee Club; Curators Scholarship; Honor List; Phi Kappa Phi Book Plate Award; Red Fourragere; Co-op McDonnell Aircraft Corp.

WINTERHALTER, Robert L.—EE Milwaukee, Wisc.
 Independents; MRHA; Tech Club; Honor List.

WIRIAATMADJA, Apit—Min Bandung, Indonesia
 International Fellowship.

WITTE, Raymond A.—Met Springfield, Ill.
 Independents; Engineer's Club; Nuclear Engineering Society.

Wilson, T. C.
 Wiriaatmadja, A.



Winter, A. R.
 Witte, R. A.

Winterhalter, R. L.
 Wittenauer, R. C.



SENIOR CLASS

WITTENAUER, Ronald C.—CE St. Louis, Mo.
 Fifty-Niner's Club; ASCE; Newman Club; Rifle Club; Western Golf Association Scholarship.

WOOD, Frank D.—Met Picher, Okla.
 Independents; Prospector's Club; AFS; ASM; Chi Alpha; Military Ball Board; Honor List; Foundry Education Foundation Scholarship; Transferred from Northeast Oklahoma A & M and Colorado School of Mines.

WOOD, William L.—EE Tallahassee, Fla.
 Fifty-Niner's Club; Transferred from Tristate College.

WOODS, Glen D.—Physics Salem, Mo.
 Independents; Shamrock Club; Curators Scholarship.



Wood, F. D.
 Wright, R. E.

Wood, W. L.
 Zambrano, G. A.

Woods, G. D.
 Zeitzmann, R. F.

WRIGHT, Ronald E., Jr.—EE St. Louis, Mo.
 Delta Sigma Phi; ASEE; Honor List.

ZAMBRANO, Gabaniel A.—Pet Caracas, Venezuela
 ASME; Newman Club; Creole Foundation Scholarship; Honor List; International Fellowship.

ZEITZMANN, Robert F.—ChE Owensville, Mo.
 Alpha Chi Sigma, Treasurer; Tau Beta Pi; Newman Club; Honor List; Phi Kappa Phi Book Plate Award; Silver Key.

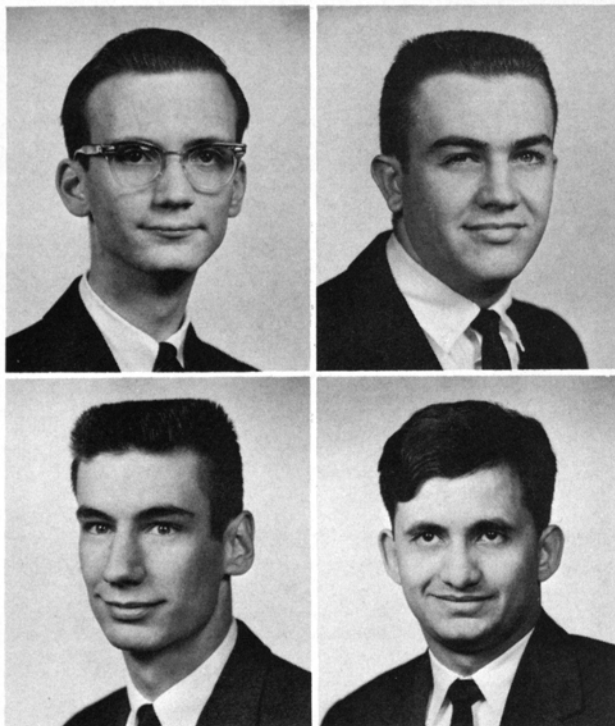


ZENOR, John J.—Math Rolla, Mo.
 American Institute of Physics; Kappa Mu Epsilon; Sigma Gamma Epsilon; Sigma Pi Sigma; Tau Beta Pi; Phi Kappa Phi; Glee Club; Honor List; Phi Kappa Phi Book Plate Award; Association for Computer Machinery, Secretary.

ZIEBA, John D.—CE Bonne Terre, Mo.
 Fifty-Niner's Club; ASCE; Chi Epsilon; Association of Computer Machinery; Honor List; Transferred from Flat River Jr. College.

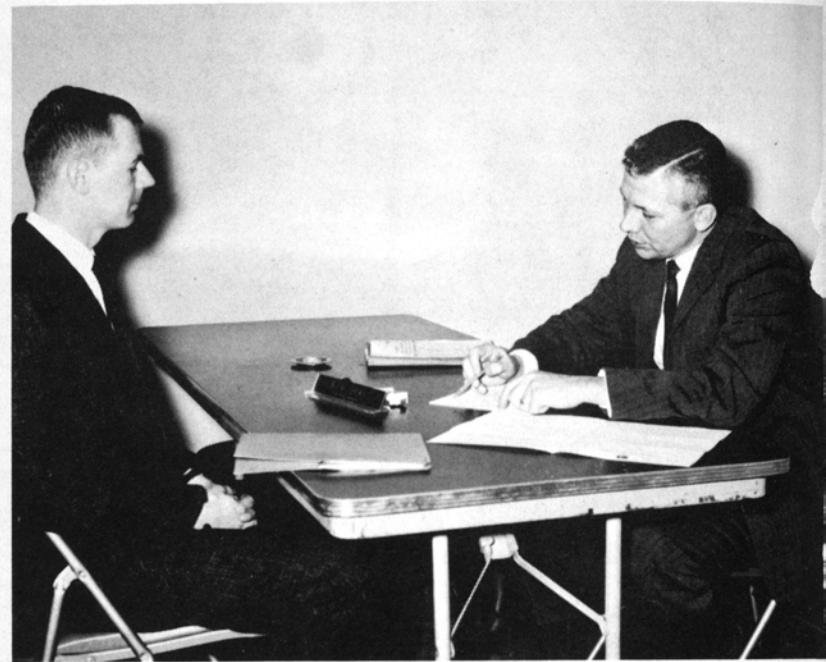
ZINK, Richard C.—ME Afton, Mo.
 ASCE; ASME; Alpha Phi Omega.

ZINZUWADIA, N. T.—CE Gujarat, India
 India Association; Transferred from Gujarat College.

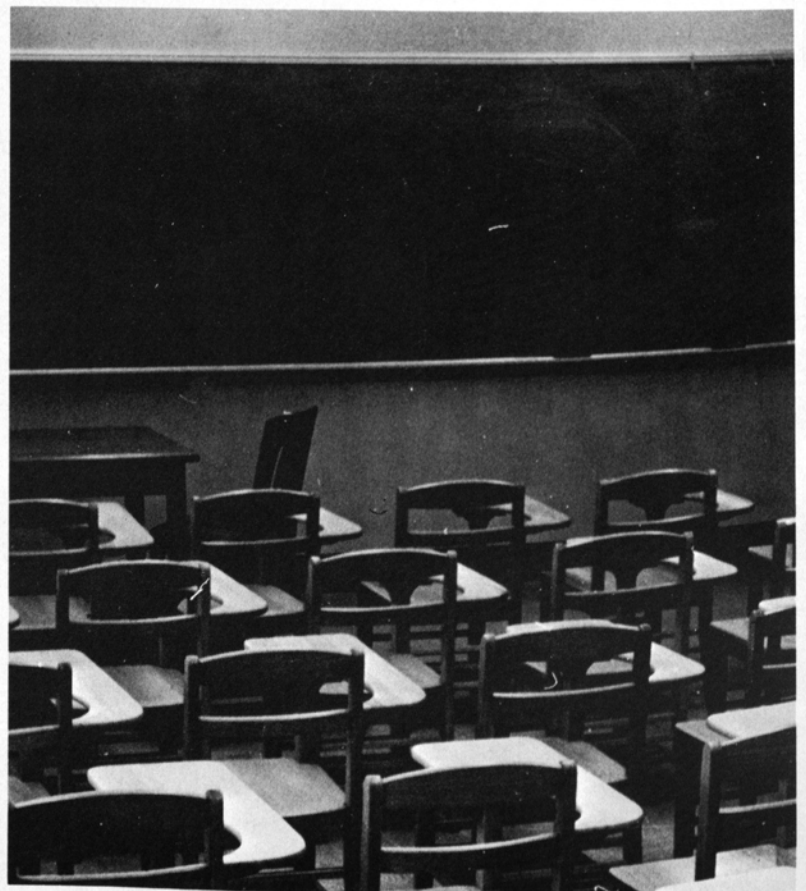


Zenor, J. J.
 Zink, R. C.

Zieba, J. D.
 Zinzuwadia, N. T.



SENIOR CLASS

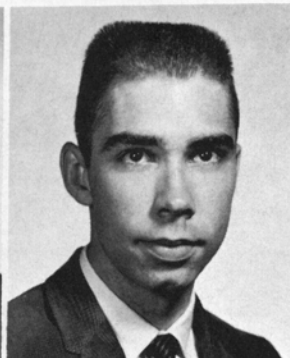
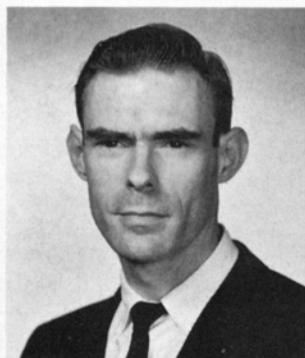




SENIORS WITHOUT PICTURES

ABBOTT, John M.—Met	Springfield, Mo.	KESSLER, Arthur R.—EE	St. Louis, Mo.
ANDOE, William V.—ChE	Crane, Mo.	KESTER, William D.—EE	Paducah, Ky.
BAUMBACH, Dale M.—EE	Benton, Ill.	KORNBERGER, Paul—CE	St. Louis, Mo.
BECKMANN, Roger L.—EE	St. Louis, Mo.	KRIEGER, George H.—ME	Glenidale, Mo.
BECKMANN, Tom D.—EE	Overland, Mo.	LANE, Gerry L.—EE	Arbyrd, Mo.
BELL, Larry E.—ME	Rolla, Mo.	LEGER, Geary L.—EE	Kansas City, Mo.
BLEVINS, Zenas C.—CE	Harrison, Ark.	LEMON, James D.—ME	Chillicothe, Mo.
BOST, Charles R.—Chem	Poplar Bluff, Mo.	LINK, Gordon A.—Math	St. Louis, Mo.
BOWSER, Ronald L.—ME	Rolla, Mo.	MANNSCHECK, Dannen D.—Mining	St. Joseph, Mo.
BROWN, Dewey F., Jr.—CE	Riverview Gardens, Mo.	McDUFF, James M.—Geol	Manchester, Mo.
CARSTENS, James R.—ME	Alton, Ill.	MILLER, Paul H.—Pet	Dixon, Ill.
CASHMAN, William J., Jr.—CE	Ardmore, Okla.	MUELLER, Walter, Jr.—Min	Clifton, N.J.
CHIRANAKORN, Chakrisna—Mining	Haadyai, Thailand	MURRAY, Hugh V.—CE	Centralia, Ill.
CLAYPOOL, John W.—Physics	Webster Groves, Mo.	PALASKA, Ted J.—Physics	Kansas City, Mo.
CONROW, Dennis D.—EE	Joplin, Mo.	PROANO, Richard E.—Min	Lima, Peru
CORCORAN, Paul T.—Met	St. Joseph, Mo.	REISS, Donald J.—ME	Perryville, Mo.
COX, David O.—ChE	St. Louis, Mo.	REITZ, Ronald F.—ME	St. Louis, Mo.
CROWELL, Roscoe H.—CE	Providence, Utah	SACA, Jose M.—Physics	Ilovasco, El Salvado
DAVID, Edward G.—CE	Rolla, Mo.	SCHMITT, Robert C.—ME	Washington, Mo.
DeGONIA, Paul K.—EE	Granite City, Ill.	SCHUMACHER, Gary G.—ME	Manchester, Mo.
DOCKERY, Howard L.—Physics	Lamar, Mo.	SCHWARZE, Louis E.—ME	St. Louis, Mo.
DREYER, Dennis G.—Met	Afton, Mo.	SEVICK, Thomas A.—Met	Rolla, Mo.
DYHOUSE, David E.—CE	Owensville, Mo.	SHAFER, Lawrence T.—EE	Perryville, Mo.
ELLIS, Frank L.—ME	Garden City, Mo.	SHAFFER, Alan D.—Met	Salem, Mo.
ERWIN, Iuan A.—ChE	Butler, Mo.	SMITH, Robert M.—Math	Jefferson City, Mo.
FORBES, Stanley R.—CE	Morgantown, W. Va.	SPENCE, Tom D., Jr.—ChE	Jennings, Mo.
FOSTER, Thomas R.—ChE	Osage Beach, Mo.	STACY, Bobby D.—EE	Fredericktown, Mo.
FUERST, Fred F.—CE	Rolla, Mo.	STARWALT, Willard G.—CE	Farmington, Mo.
GEBHART, James M.—Met Nuclear	Miamisburg, Ohio	STRICKER, Norman P.—Geol	Potosi, Mo.
GERHARDT, Wilhelm, Jr.—EE	St. Louis, Mo.	TAYLOR, Thomas P.—ChE	St. Louis, Mo.
GRIMES, Leonard E.—Pet	Columbia, Mo.	TIMMONS, Harrel W.—CE	Monroe City, Mo.
GRONEMEYER, Gary F.—CE	Ferguson, Mo.	VAKIL, Javad—Met Nuclear	Iran
HARRISON, Charles R.—ME	Cardwell, Mo.	VANBUREN, James K.—CE	St. Louis, Mo.
HEADINGTON, Lee F.—Met	Lenexa, Kan.	VOLPE, Michael—CE	New York, N.Y.
HEMMANN, John G.—EE	Lonedell, Mo.	WHITCRAFT, Howard M.—Physics	St. Louis, Mo.
HEY, Donald L.—CE	Rolla, Mo.	WILLIAMS, Kenneth W.—EE	Hazelwood, Mo.
HO, Wing O.—ME	Hong Kong, China	WILLIAMS, Ronald R.—ME	Overland, Mo.
HOGARD, Leo J.—EE	Perryville, Mo.	YAMANE, Kei—EE	Waimea, Hawaii
JEFFERSON, Donald E.—EE	Troy, Mo.	ZUNKEL, Alan D.—Met	Princeton, Ill.
JOHNSTON, Lyle D.—CE	Nevada, Mo.		

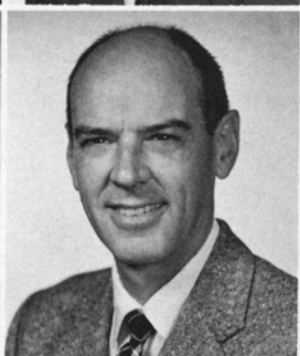
GRADUATE STUDENTS



ALCORN, Herbert R.—Math Kirkwood, Mo.

AMIN, Rajnikant C.—CE Ahmedabad, Gujaraat

AMSLER, Larry C.—EE Springfield, Mo.



BAIRD, Richard J.—Chem Madison, Ind.

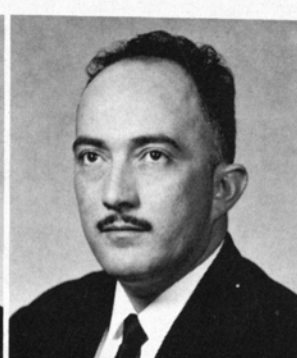
BARNARD, William F.—CE Mountain Grove, Mo.

BAYSDEN, James N.—Met-Nuclear Wayne City, Ill.

BEARCE, Denny N.—Geology Tarry Town, N.Y.

BELL, Earl J.—EE St. Joseph, Mo.

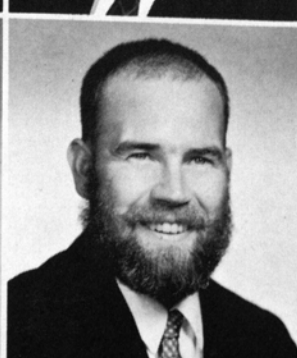
BRAMFITT, Bruce L.—Met Watervliet, N.Y.



BRENNER, Donald D.—ME Blue Springs, Mo.

BREUER, Thomas E.—Chem Rolla, Mo.

BRICENO, Jose—EE Maracaibo, Venezuela



BRIXEY, Harley D.—EE Mountain Grove, Mo.

BROCKMAN, Richard K.—ME Huntington, N.Y.

BROWN, Norman L.—CE Rolla, Mo.

GRADUATE STUDENTS

BRUEGGEMAN, Edward K.—CE Affton, Mo.

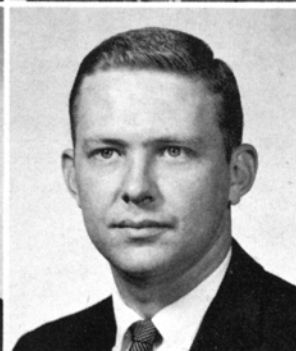
BRUNKHORST, Lloyd E.—EE Festus, Mo.

BUNCH, David W.—ChE Rolla, Mo.

BUSH, Arthur J.—Mining Rolla, Mo.

BYVIK, Charles E.—Physics Ladd, Ill.

CARR, Jerry J.—ChE Joplin, Mo.



CAUDLE, Rodney D.—Mining Rolla, Mo.

CHEN, Roland L.—Geology Taipei, Taiwan

CHEN, Ten-Hsi—CE Taiwan, China

COLBURN, Howard L.—ME Alton, Ill.

COUCH, Patrick S.—CE Jefferson City, Mo.

CRUM, Edward H.—ChE St. Albans, W. Va.

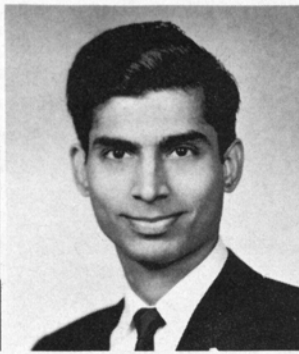
CURTIN, John F.—EE Adelaide, Australia

DABOO, Ratan F.—ChE Navsari, India

DANIELS, William J.—ChE St. Louis, Mo.



GRADUATE STUDENTS



DARJI, Jayantilel J.—ME

Anand, India

DAVE, Bhalchandra T.—ChE

Ahmedabad, India

DOBSON, Dale E.—CE

Marshalltown, Iowa

DOSHI, Bipin N.—ChE

Bombay, India

DOWNEY, Gary L.—Pet

Martinsville, Ill.

EL-ETR, Hasson A.—Geology

Damietta, Egypt

ENDRES, Robert J.—Met

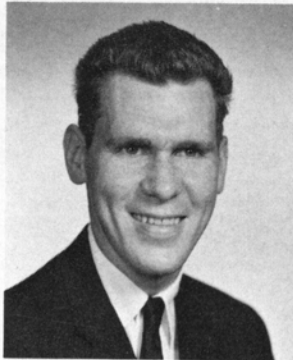
W. Pittston, Pa.

FAUNCE, Chester A.—Met

Rolla, Mo.

FLANIGAN, Virgil J.—ME

Higginsville, Mo.



GENTILE, Richard J.—Geology

Kirkwood, Mo.

GREEN, Lawrence D.—CE

Thayer, Mo.

GRIESEN AUER, Neal M.—Met

St. Charles, Mo.



HALL, Floyd S.—EE

Kansas City, Mo.

HALLERBERG, William L.—Met

Kirkwood, Mo.

HAN, Robert S.—EE

Taiwan, China

GRADUATE STUDENTS

HANNUM, Richard W.—Physics Media, Pa.

HARTMAN, James P.—ME ElMonte, Calif.

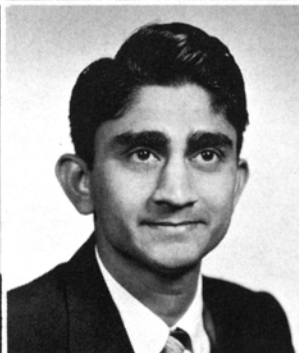
HAYES, James D.—Physics Shellsburg, Iowa



HEWETT, Lionel D.—Physics Denver, Colo.

HIATT, Jay—Physics Alton, Ill.

HOILES C. Douglas—Uncl. Greenville, Mo.



HORNKOHL, James O.—Physics Rolla, Mo.

JHALA, Mahendrasinhji M.—CE
Ahmedabad, Gujardt

JOGANI, Chandrakant C.—CE Palanbue, Guijarat

JOHNSON, Richard T.—ME Webster Groves, Mo.

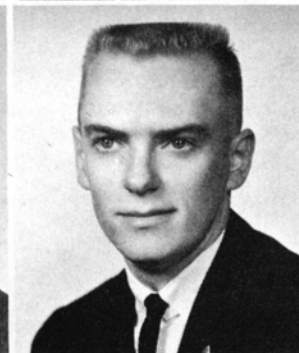
KEMPER, John P.—Met Short Hill, N.J.

KHANNA, Surendra D.—ChE Ratanpur, India

KIM, Ye Young—Mining Seoul, Korea

KNEILE, Karl R.—Math St. Louis, Mo.

KOMO, John J.—EE Dittmer, Mo.



GRADUATE STUDENTS



KOO, Tuh Kai—EE Taipei, China

KOVEL, Steven M.—Physics Buffalo, N.Y.

KROUTIL, Joseph C.—ME Bolivar, Mo.

LAMBER, C. Kurt—Geology Indianapolis, Ind.

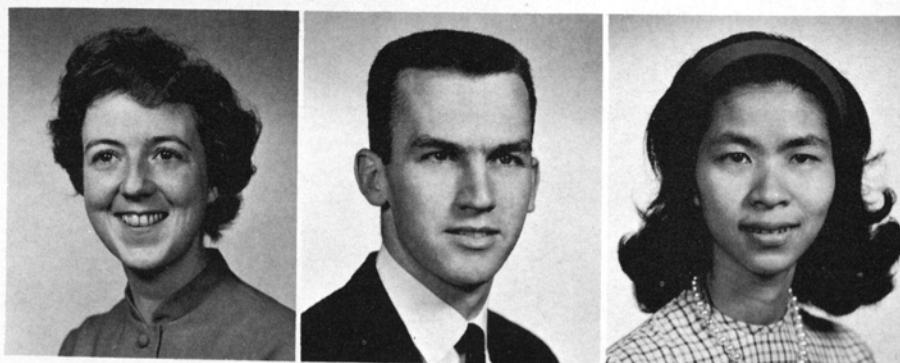
LATHAM, James I.—Physics Lathan, Mo.

LEE, Don Hie—ChE Seoul, Korea

LEE, Faye M.—Math Springfield, Mo.

LEWIS, David M.—ME Sikeston, Mo.

LIANG, Ping—EE Kingtwa, China



LIMBAUGH, Charles C.—Math Jackson, Mo.

LOGAN, Robert M.—ChE Belleville, Ill.

LOTWALA, Jaswant T.—ME Bombay, India

LOVLAND, Jorgen—ChE Arendel, Norway

LUCKFIELD, Gene S.—EE Kansas City, Mo.

MALIK, Ajah S.—ChE U.P., India



GRADUATE STUDENTS

MASKAI, Kulin P.—ME Bombay, India

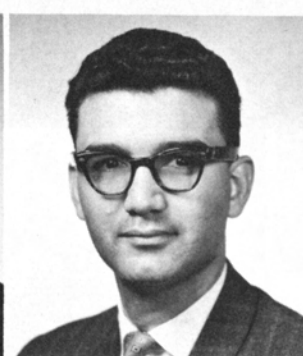
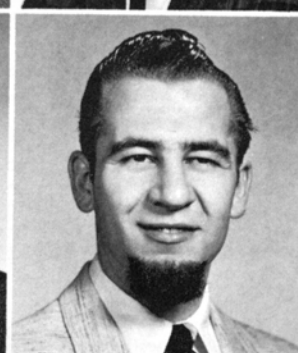
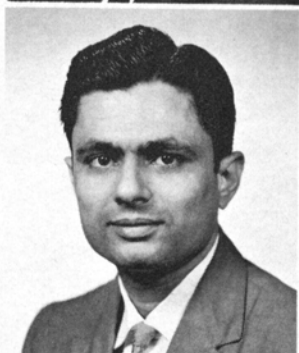
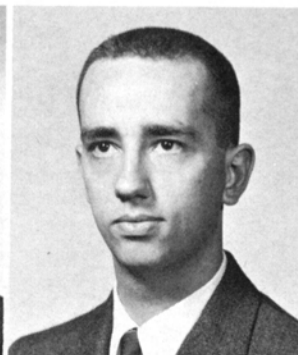
McCLOUD, Hal E.—Physics Kansas City, Mo.

McLANE, William B.—Met-Nuclear
Kansas City, Mo.

MEHTA, Many K.—CE Ahmedabad, India

MORRIS, Jack F.—EE Floodwood, Minn.

MUHLBAIER, Don J.—Uncl. Rolla, Mo.



NAIKNIMBALKAR, Narendrarao M.—Geology
Baroda, India

NANNEY, Larry J.—EE Festus, Mo.

NASER, Abde R.—Chem Cairo, Egypt

NOTHDURFT, Robert R.—Physics Flat River, Mo.

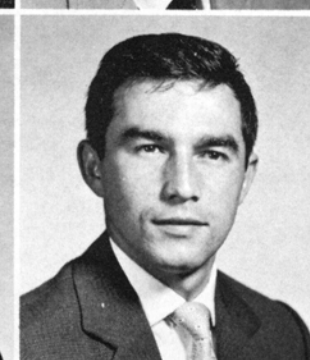
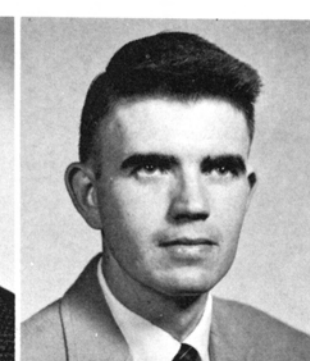
OGDEN, Sylvester O.—ChE Hannibal, Mo.

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OUSLEY, Russell M.—EE Berkeley, Mo.

PALMA, Oscar M.—CE Santiago, Chile



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PATEL, Kanubhai M.—ME

Rudel, India

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Kadi, Guijarat

PATEL, Sumant M.—ME

Baroda, India

PATEL, Vinayakrao K.—Met

Ahmedabad, India

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Lamar, Mo.



PENDLETON, Richard L.—ME

Owensville, Mo.

PHILLIPS, James M.—Physics

Rolla, Mo.

POORABIA, Narottam S.—Met

Ahmedabad, India

POTAMIANOS, Socrates N.—Uncl.

Athens, Greece

QUAN, Choon K.—Mining

Idoh, Malaya

REDDY, Narayan N.—Mining

Nagaram, A.P.

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REINHARD, Mahlon J.A., III—Geology
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RIAD, Samir M.—Met Cairo, Egypt

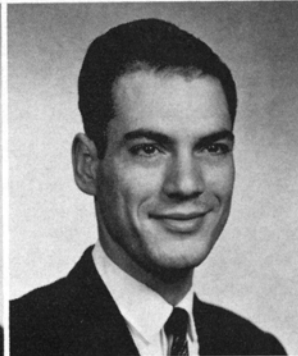
RICKARD, Melvin D.—CE Cape Girardeau, Mo.



RIFAI, Mohammed S.—Chem Beirut, Lebanon

RIGOR, Rodrigo G.—Uncl. Manila, Philippines

ROGIER, Don L.—Math Highland, Ill.



ROOP, John R.—ChE Cambridge, Mass.

SAAD, Mohammed M.—Met Cairo, Egypt

SAADALLAH, Adnan A.—Geology Kisri, Iraq

SANGHAVI, Mahendra K.—CE Bombay, India

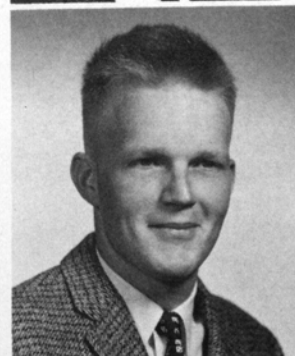
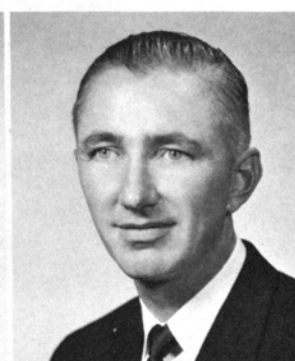
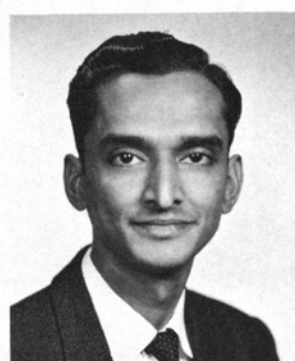
SCHAEFER, Seth C.—Met Tripp, So. Dak.

SCHIERDING, Royce G.—Met St. Charles, Mo.

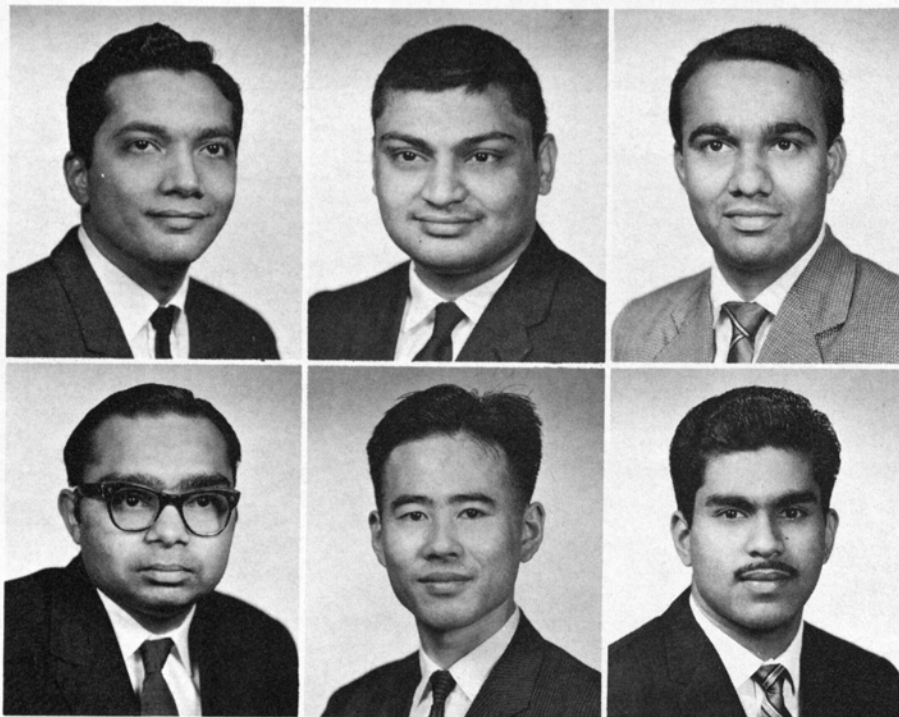
SCHOT, Erik H.—Geology Valhalla, N.Y.

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SEDALIA, Narayan M.—Cer Bombay, India



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SHIMADA, Jin—Met Tokyo, Japan

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TANG, Juh L.—CE Taipei

GRADUATE STUDENTS

TENGLER, John A.— San Antonio, Texas

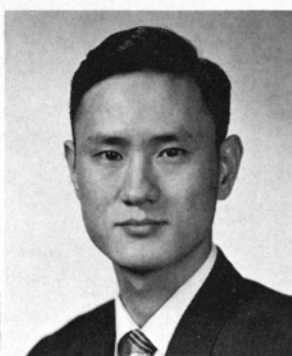
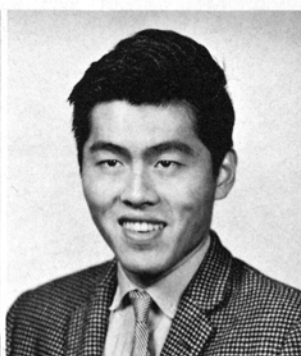
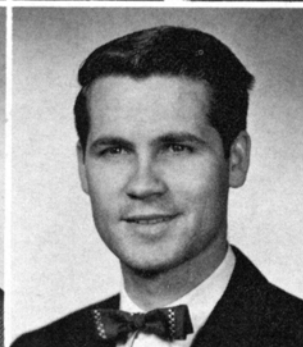
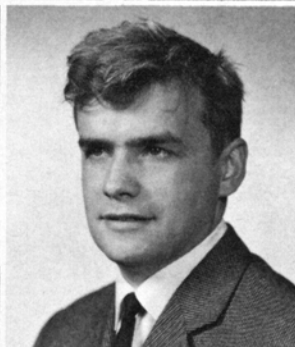
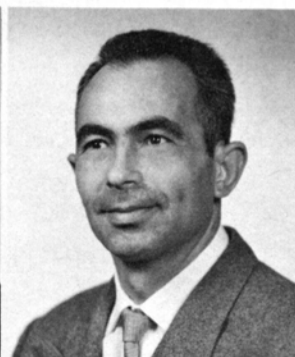
TEZCANLI, Mehmet T.—Uncl. Zonpuldak, Turkey

TROCHE-MALDONADO, Hector—Physics
Caho Rujo, Puerto Rico

UPADHYAY, Pravinchandra M.—ME
Ahmedabad, Gujarat

VERMAUT, Norbert A.—Met St. Denys, Belgium

WALTERS, Frank G.—Math Sedalia, Mo.



WANG, Benjamine—EE Taiyan, China

WANG, Cheng-Fang—EE Taipei, Taiwan

WANG, Ting-hwa—Uncl. Taipei, China

WELCH, Gary E.—Met Dupo, Ill.

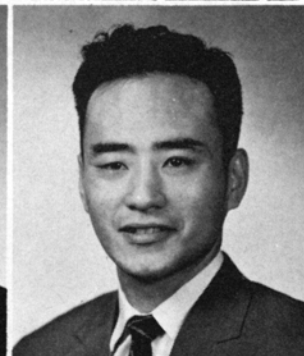
WHITE, Daniel R.—Physics Kansas City, Mo.

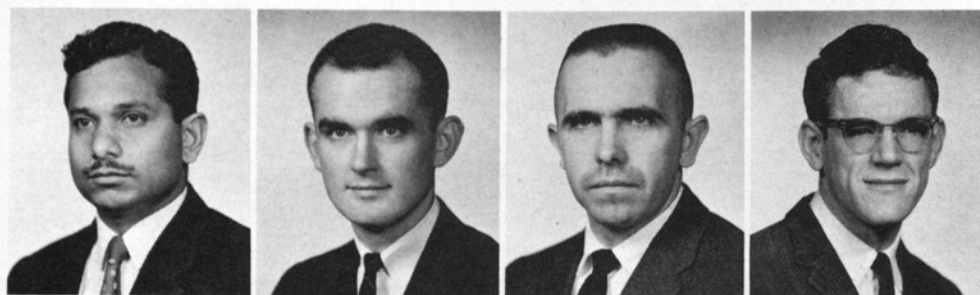
WILLYARD, Donald L.—EE Viola, Mo.



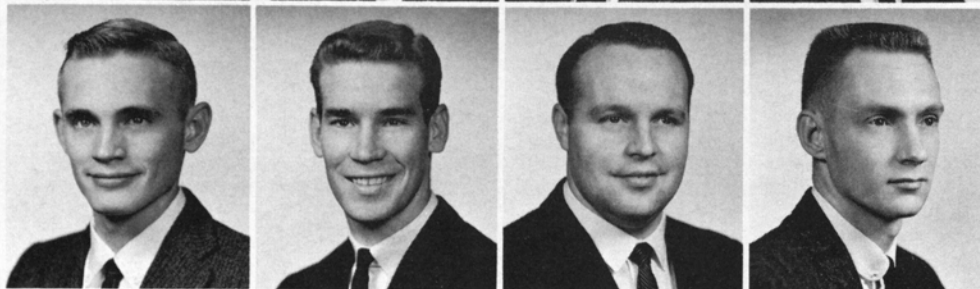
WISTEHUFF, William E.—Met Taylorville, Ill.

YANG, Davy Teh—EE Taiwan, China





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 ADAMS, James E.—CE San Luis Obispo, Calif.
 ADAMS, Stanley B.—CE Lesterville, Mo.



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 ALLEN, Jan K.—ME St. Louis, Mo.

Abraham, O. C.
 Alexander, C. F.
 Abrams, H. T.
 Alford, J. W.
 Adams, J. E.
 Allen, H. J.
 Adams, S. B.
 Allen, J. K.

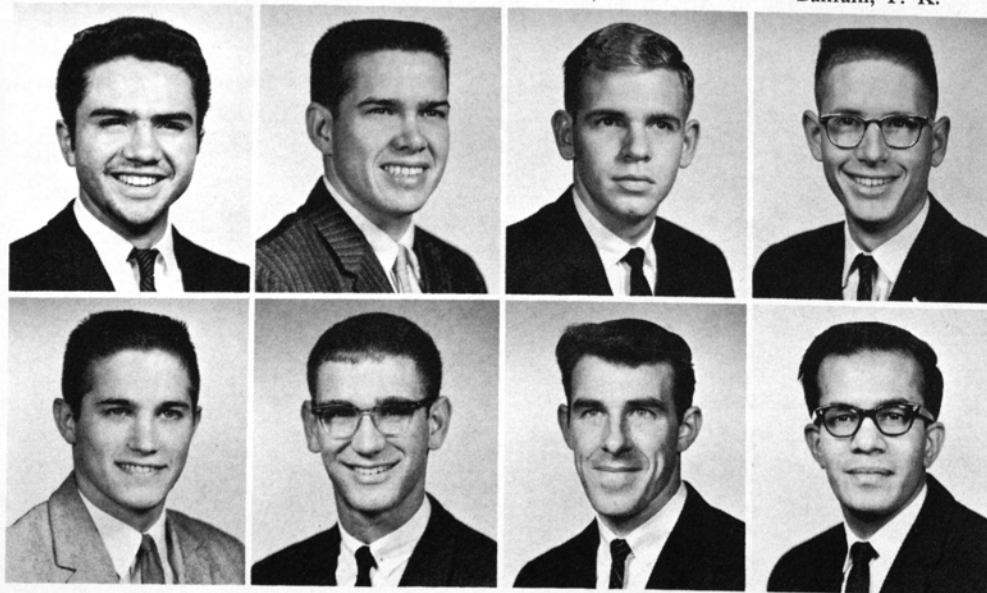
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 ALONGE, Nicholas J.—Met Buffalo, N.Y.
 ANDERSON, Floyd N.—Physics Rolla, Mo.
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 ARNOLD, Richard I.—CE Scott City, Mo.
 ASCANIO, Carlos F.—EE Caracas, Venezuela



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 Arnold, R. I.
 Ascanio, C. F.

Ascensio, C. A.
 Ashley, C. G.
 Atkinson, C. H.
 Ayars, R. S.
 Backer, L. C.
 Baer, T. A.
 Bahr, L. W.
 Bahrain, F. K.



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 AYARS, Robert S.—EE St. Louis, Mo.
 BACKER, Lewis C.—EE St. Ann, Mo.
 BAER, Ted A.—ChE Anchorage, Ky.
 BAHR, Luther W.—ME St. Louis, Mo.
 BAHRAIN, Feroz K.—ChE Bombay, India

BAILEY, Keith E.—ME Carrollton, Mo.

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BAKULA, Robert G.—ME St. Louis, Mo.

BALK, Gary W.—ME Nevada, Mo.

BANNISTER, Edwin J.—CE Sylacauga, Ala.

BARCHERS, Otis L.—EE Richmond, Mo.

BARRETT, Don D.—Geology Fox Lake, Ill.

BASLER, Thomas J.—CE St. Louis, Mo.

BASS, Paul J.—CE Springfield, Mo.

BEARNSON, Donald G.—EE Rolla, Mo.

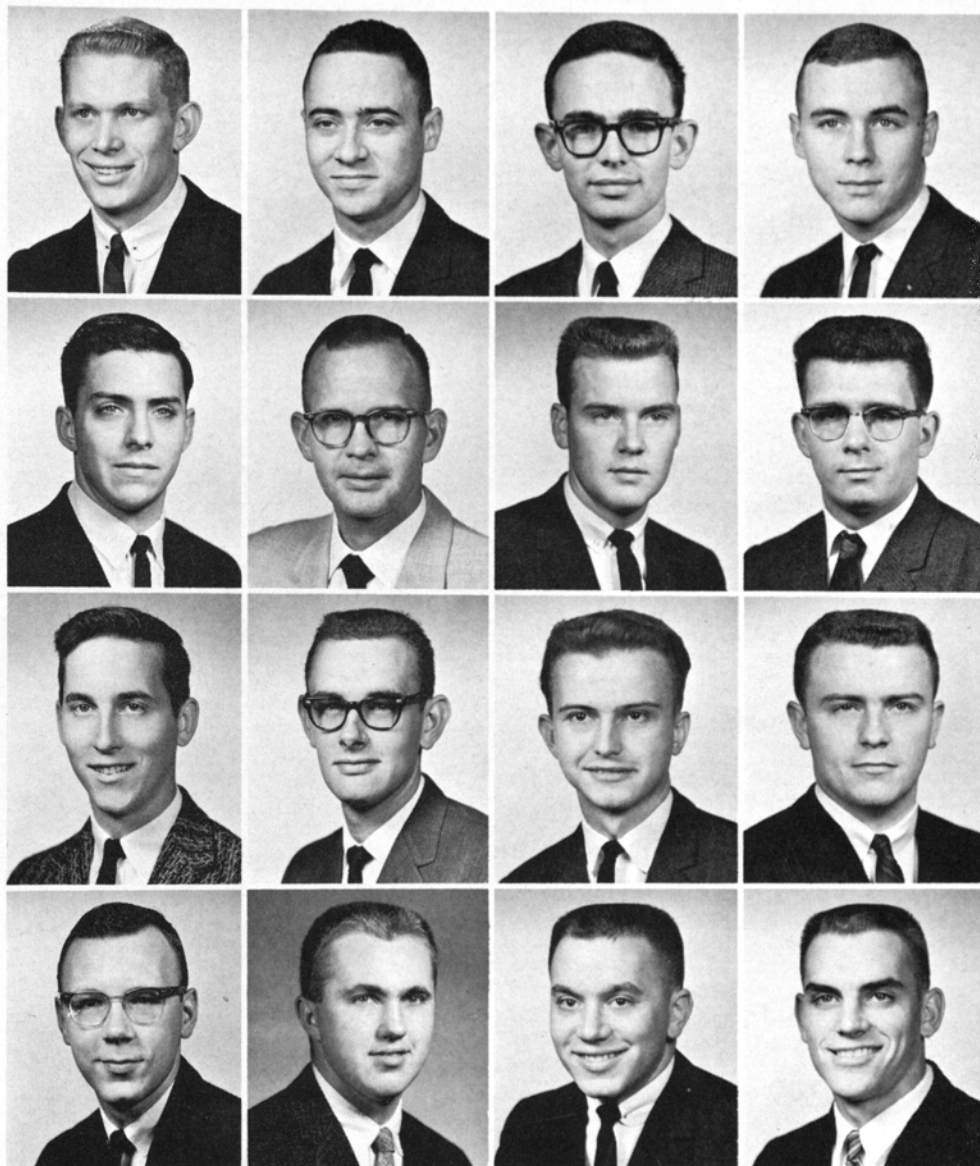
BECKMANN, Richard C.—EE University City, Mo.

BEEBE, Jack R.—EE Olean, N.Y.

BEHNKE, Robert E.—CE St. Louis, Mo.

BELROSE, Thomas C.—EE Maplewood, Mo.

BENNETT, Harvey R.—EE Scott City, Mo.



Bailey, K. E.
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Baker, J. A.
Barchers, O. L.
Bearnson, D. G.
Belrose, T. C.

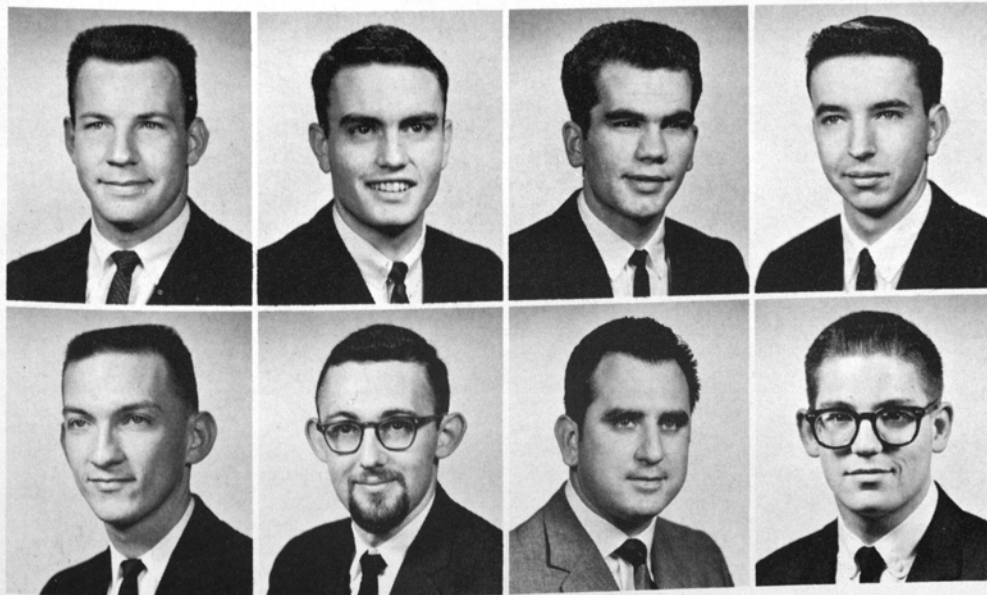
Bakula, R. G.
Barrett, D. D.
Beckmann, R. C.
Bennett, H. R.

Bennish, H. C.
Biehle, L. T.

Bertelsmeyer, J. E.
Bierman, S. L.

Best, D. R.
Blanco, D. A.

Bickel, G. D.
Blodgett, D. D.



BENNISH, Harold C.—CE St. Louis, Mo.

BERTELSMEYER, James E.—ChE Florissant, Mo.

BEST, Dennis R.—EE Mt. Vernon, Ill.

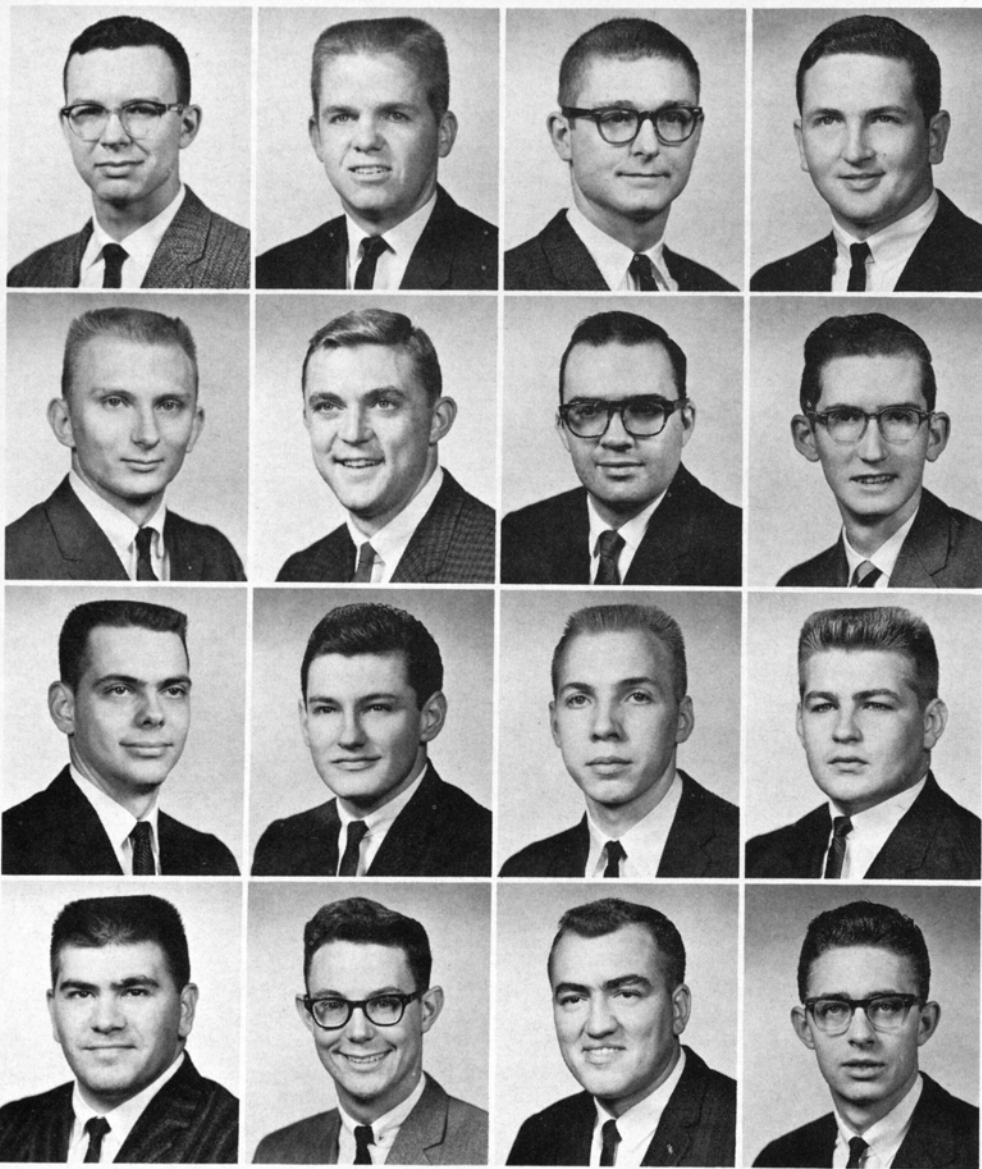
BICKEL, Gary D.—Physics Troy, Mo.

BIEHLE, Louis T.—Met Crystal City, Mo.

BIERMAN, Sheldon L.—ME Chicago, Ill.

BLANCO, Daniel A.—ME Lima, Peru

BLODGETT, Douglas D.—EE Kirkwood, Mo.



Blume, D. J.
Bollinger, L. L.
Bowman, C. W.
Branchfield, G. R.

Boaz, J. K.
Borstell, T. C.
Boyer, G. E.
Branson, E. A.

Bohac, R. J.
Botta, J. A.
Bradley, M. F.
Branum, W. H.

Boling, R. D.
Bowles, W. G.
Bradley, V. R.
Brashear, W. D.

BLUME, David J.—Met Jefferson City, Mo.
BOAZ, James K.—CE Springfield, Mo.
BOHAC, Ronald J.—Met St. Louis, Mo.
BOLING, Richard D.—EE Hannibal, Mo.
BOLLINGER, Larry L.—CE Overland, Mo.
BORSTELL, Timothy C.—Math Lemay, Mo.
BOTTA, Jose A.—Met Habana, Cuba
BOWLES, William G., Jr.—ChE Baltimore, Md.
BOWMAN, Charles W.—EE Springfield, Mo.
BOYER, Gary E.—Mining Granite City, Ill.
BRADLEY, Milton F.—Geology Stratford, Conn.
BRADLEY, Vaughn R.—CE Richmond, Mo.
BRANCHFIELD, Gordon R.—EE Canton, Ill.
BRANSON, Eugene A.—EE St. Louis, Mo.
BRANUM, William H.—CE Hornersville, Mo.
BRASHEAR, William D.—EE Neosho, Mo.
BRAY, Robert W.—EE Edwardsville, Ill.
BREEDING, Robert E.—ME Cape Girardeau, Mo.
BRENNAN, Marshall R.—EE Webster Groves, Mo.
BRITTON, David A.—ME Kansas City, Mo.
BROEKGING, Kenneth W.—CE Marion, Ill.
BRONSON, Frazier L.—Met-Nuclear
Independence, Mo.
BROWN, Buryl A.—EE Joplin, Mo.
BROWN, Robert S., Jr.—EE Hazelwood, Mo.

BRUEGGE, David C.—ME St. Louis, Mo.
BRUNE, Peter A.—EE Brinktown, Mo.
BRYAN, John W.—CE Centerville, Iowa
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BUGG, Stephen F.—ME Affton, Mo.
BURCHARD, Babbara L.—Math Lee's Summit, Mo.
BURCHARD, Frederic C.—Math Joplin, Mo.
BURCHILL, William E.—Met Taylorville, Ill.
BURFORD, Lee W.—ME University City, Mo.
BURKHALTER, Richard L.—ChE Decatur, Ill.

Bray, R. W.
Broeking, K. W.

Breeding, R. E.
Bronson, F. L.

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Brown, B. A.

Britton, D. A.
Brown, R. S.





Bruegge, D. C.
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Burchard, F. C.
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Burchill, W. E.
Butery, J. L.

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Burford, L. W.
Buttry, K. E.

Buescher, A. J.
Burkhalter, R. L.
Caldwell, D. L.

JUNIOR CLASS

Callisto, J. L.
Carey, G. J.
Carter, D. W.

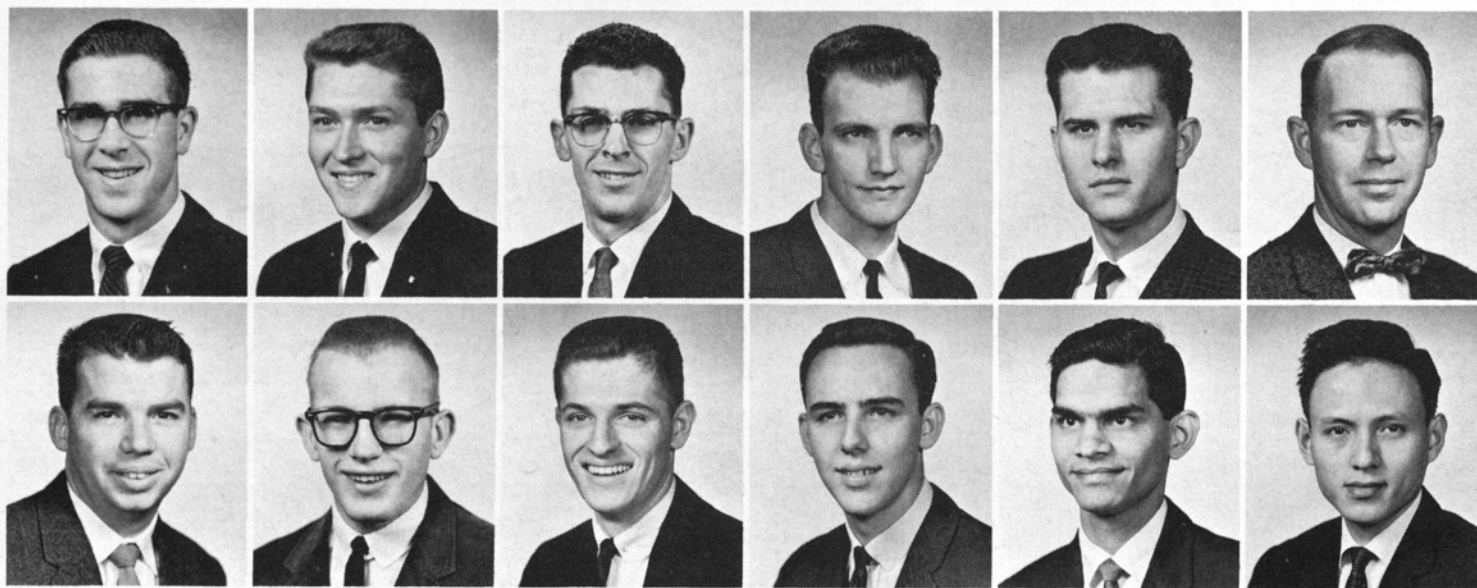
Campbell, G. E.
Carpenter, M. E.
Carter, P. J.

Candido, R. T.
Carpenter, R. L.
Carter, R. E.

Cannaday, J. L.
Carrizo, R. A.
Case, R. W.

BURKART, Matthew J.—CE	St. Louis, Mo.
BURTON, Robert E.—CE	Rolla, Mo.
BUSER, John W.—EE	University City, Mo.
BUTERY, James L.—CE	St. Louis, Mo.
BUTTRY, Kenneth E.—CE	Puxico, Mo.
CALDWELL, David L.—CE	Franklin, Ill.
CALLISTO, Jere L.—EE	Arcadia, Mo.
CAMPBELL, George E., Jr.—EE	Kirkwood, Mo.
CANDIDO, Ronald T.—Met	Afton, Mo.
CANNADAY, John L.—ChE	Kansas City, Mo.
CAREY, Gerald J.—EE	Vestel, N.Y.
CARPENTER, Maxey E., Jr.—CE	Bellevue, Wash.
CARPENTER, Robert L.—Physics	St. Louis, Mo.
CARRIZO, Ruben A.—EE	Caracas, Venezuela
CARTER, David W.—Ceramic	Dallas, Texas
CARTER, Phillip J.—EE	Holmes, N.Y.
CARTER, Richard E., Jr.—EE	Joplin, Mo.
CASE, Ralph W., Jr.—CE	Appleton, Wash.





Cassimatis, P. N.
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Clippard, J. A.
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Conner, R. P.
Cooper, R. D.

Coates, K. H.
Collins, J. W.
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COCO, Matteo A.—CE	Afton, Mo.
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COPE, William R.—EE	Ellington, Mo.



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Dierker, J. W.

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Dillion, R. K.

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Dorn, R. L.

Diel, W. W.
Driemeier, A. H.

DETTMER, Jerry F.—EE Pilot Knob, Mo.
DEWEY, George C.—EE St. Louis, Mo.
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DIERKER, John W.—CE Lemay, Mo.
DILLION, Ronald K.—ME Middletown, Mo.
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EAKER, Gerald C.—ME Steelville, Mo.
EBERT, Bernard C.—CE St. Louis, Mo.



Dudenhoeffer, P. A.
Dyhouse, G. A.

Dudley, R. E.
Eagleman, D. R.

Dutta, M. I.
Eaker, G. C.

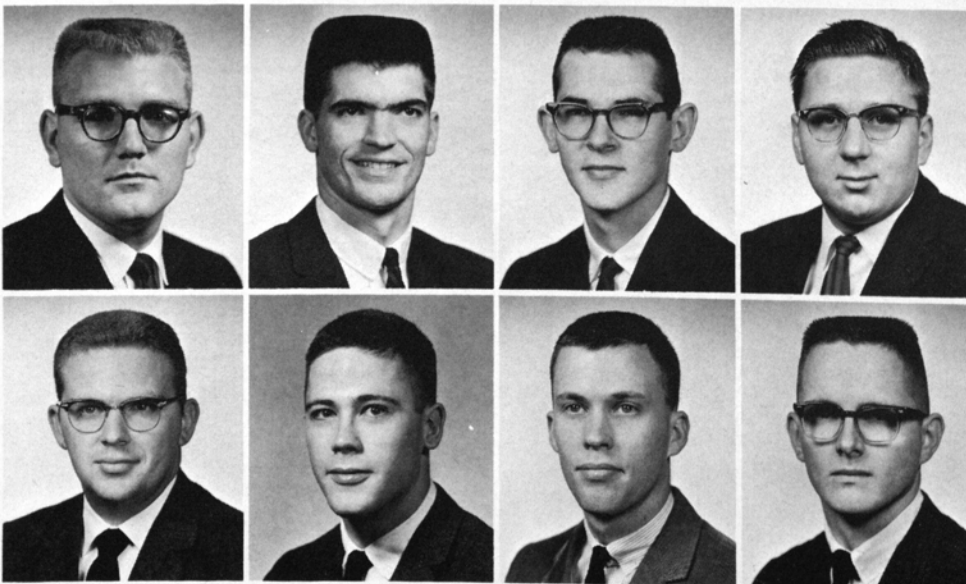
Duvall, J. R.
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Eckhart, J. L.
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Edwards, J. M.
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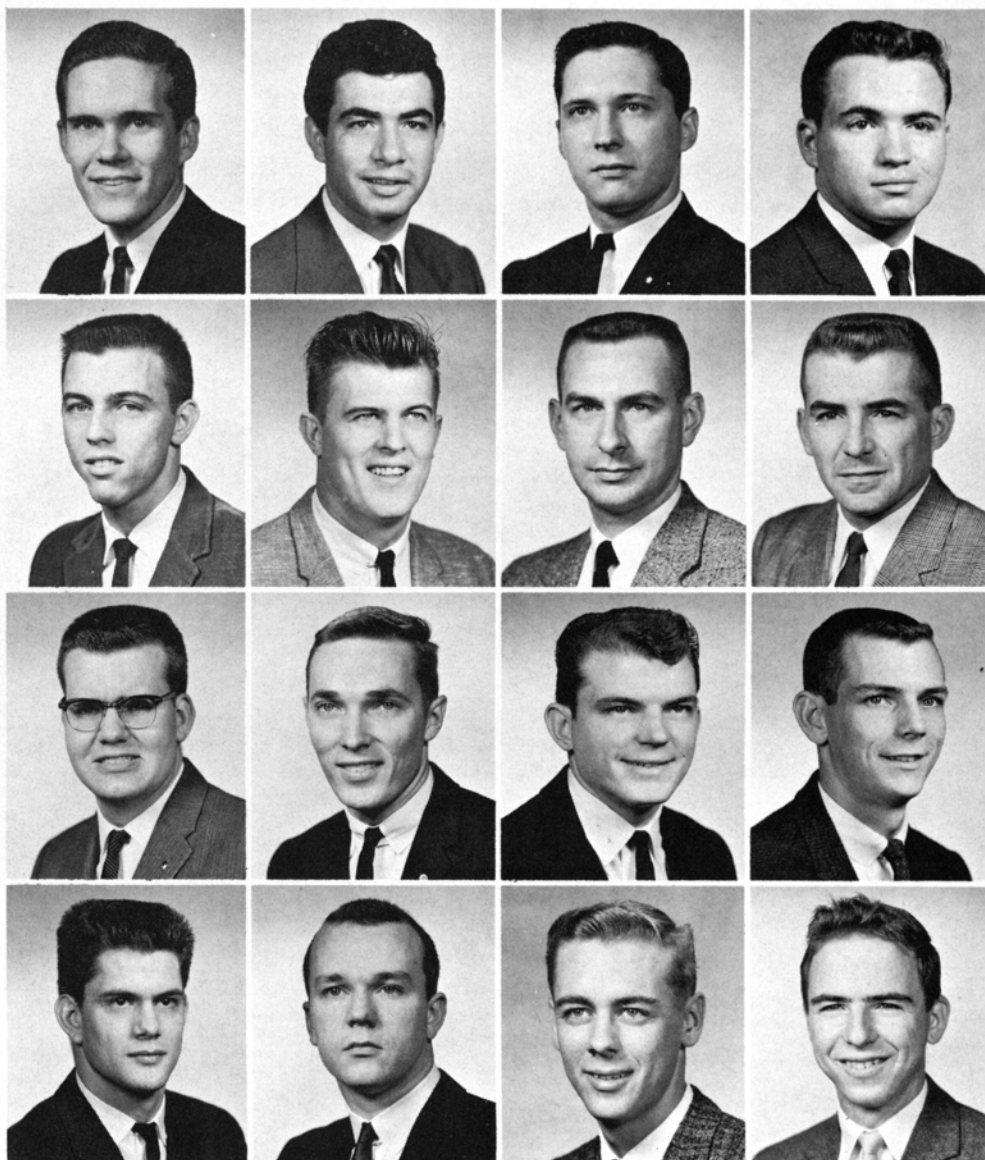
Ellebracht, C. A.
Esther, J. L.

Emission, T. D.
Evans, J. D.



ECKHART, John L.—CE Sarcxie, Mo.
EDWARDS, James M.—CE Berkeley, Mo.
ELLEBRACHT, Clarence A., Jr.—CE St. Louis, Mo.
EMISON, Thomas D.—Ceramic ElDorado Springs, Mo.
EPHLIN, Doyle W.—CE Wardell, Mo.
EPPELSHEIMER, Daniel S.—Met-Nuclear Rolla, Mo.
ESTHER, Joseph L.—CE Lebanon, Mo.
EVANS, Jesse D.—Math Marion, Ill.

FAENGER, Eugene H.—CE	St. Louis, Mo.
FAKONAS, Anastassios B.—EE	Athens, Greece
FALKE, William P.—ME	Gillespie, Ill.
FANETTI, Roger D.—EE	St. Louis, Mo.
FARBER, Ralph J.—EE	St. Louis, Mo.
FARNEY, Robert W.—Physics	Joplin, Mo.
FEE, Gene B.—CE	Spartanburg, S.C.
FELCH, James F.—CE	Crasston, R.I.
FELLER, Donald D.—EE	Effingham, Ill.
FENDER, Terry W.—EE	Springfield, Mo.
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FENNER, Roland W.—CE	Ladue, Mo.
FERRELL, Charles S.—CE	Longview, Texas
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Farber, R. J.
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Ferrell, C. S.

Fakonas, A. B.
Farney, R. W.
Fender, T. W.
Feyerabend, S. P.

Falke, W. P.
Fee, G. B.
Fenner, C. G.
Fiedler, R. E.

Fanetti, R. D.
Felch, J. F.
Fenner, R. W.
Files, J. R.

Fingado, C.
Fisher, J. L.

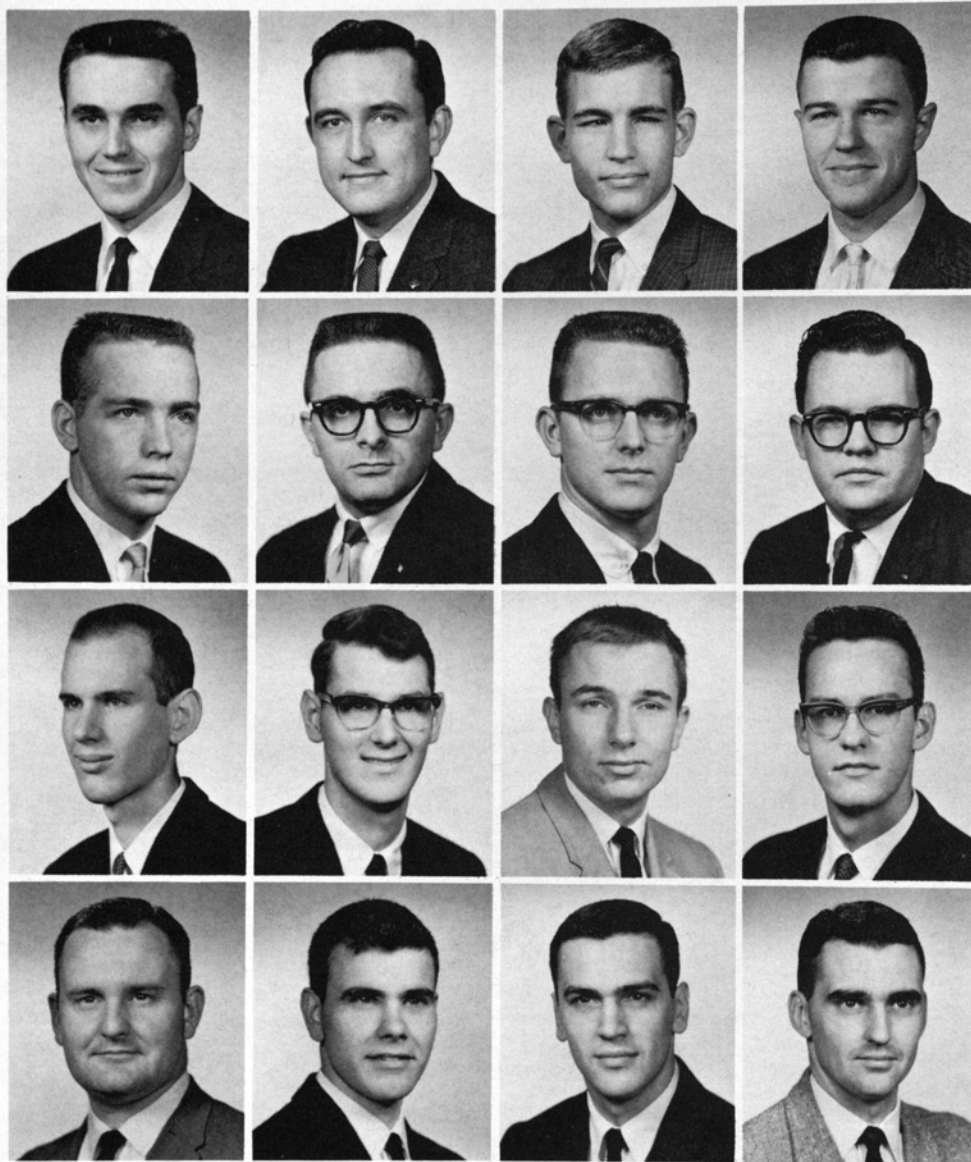
Fink, W. M.
Fletcher, D. W.

Fischer, H. E.
Fletcher, J.

Fisher, G. D.
Folk, J. L.



FINGADO, Claude—Met	Staten Island, N.Y.
FINK, Wilbert M.—ME	St. Louis, Mo.
FISCHER, Henry E.—EE	Washington, Mo.
FISHER, Glen D.—EE	Tulsa, Okla.
FISHER, James L.—EE	Caruthersville, Mo.
FLETCHER, David W.—ME	Los Angeles, Calif.
FLETCHER, John—EE	Lebanon, Mo.
FOLK, James L.—CE	Jefferson City, Mo.



Folk, K. A.
Fricks, C. M.
Ganz, S. F.
Gates, N. B.

Foltz, E. N.
Fyan, R. W.
Gardner, D. T.
Gausman, D. O.

Fox, E. K.
Gaines, D. L.
Gardner, T. W.
Gelner, L. A.

Franklin, W. L.
Galloway, G. D.
Gassner, G. E.
George, E. H.

FOLK, Kenneth A.—EE St. Louis, Mo.
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FOX, Edwin K.—CE Brentwood, Mo.
FRANKLIN, Willie L.—ME Waynesville, Mo.
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GAINES, David L.—CE Springfield, Mo.
GALLOWAY, Gerald D.—CE Rogersville, Mo.
GANZ, Stephen F.—ChE Ferguson, Mo.
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St. Louis, Mo.
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Cincinnati, Ohio
GIFFORD, John H.—Math Gideon, Mo.
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GILMARTIN, Larry D.—ChE Iantha, Mo.
GIRAUD, Charles M.—Met-Nuclear
University City, Mo.
GITTEMEIER, Joseph F.—ME St. Louis, Mo.

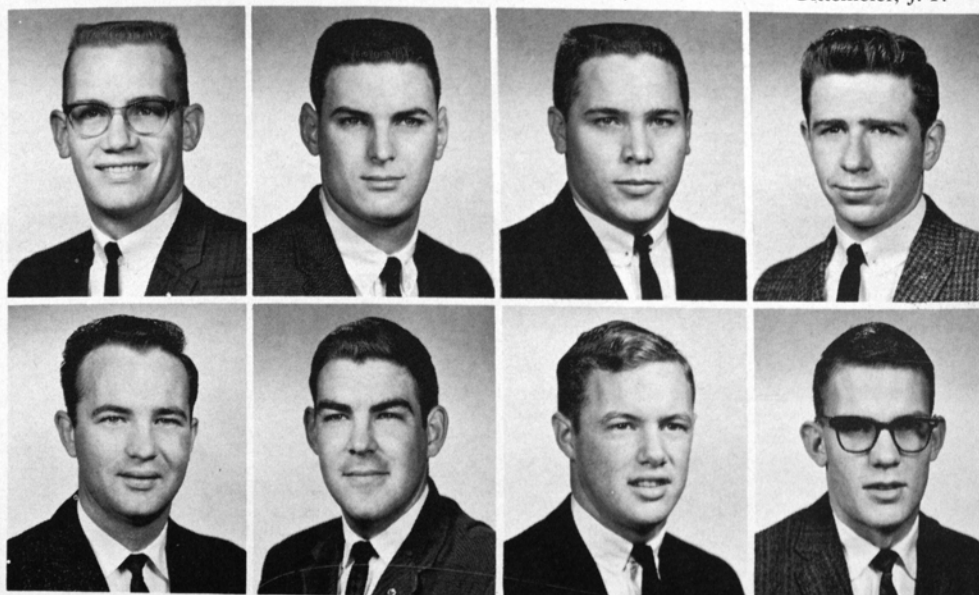
GOFORTH, James R.—ME Savannah, Mo.
GOLDAMMER, Albert H.—EE Jefferson City, Mo.
GONZALEZ, Floyd A.—EE Blue Springs, Mo.
GOOD, James H.—CE West Plains, Mo.
GOOS, Gerald D.—EE Wheeling, Mo.
GOR, Vishnuprasad J.—Pet Malpur, India
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Gerhardt, P. C.
Gillette, J. A.

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Gilmartin, L. D.

Gifford, J. H.
Giraud, C. M.

Giger, D. F.
Gittemeier, J. F.





Goforth, J. R.
Gordon C. G.
Gruber, M. E.

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Gray, W.
Gum, J. W.

Gonzalez, F. A.
Green, J. H.
Gunn, C. P.

Good, J. H.
Green, M. E.
Gunn, W. J.

Goos, G. D.
Greer, G. M.
Haag, W. O.

Gor, V. J.
Griffith, D. M.
Haden, R. L.

JUNIOR CLASS

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Handshy, R. E.
Harmon, R. L.

Halper, D. E.
Harby, T. C.
Harrison, G. M.

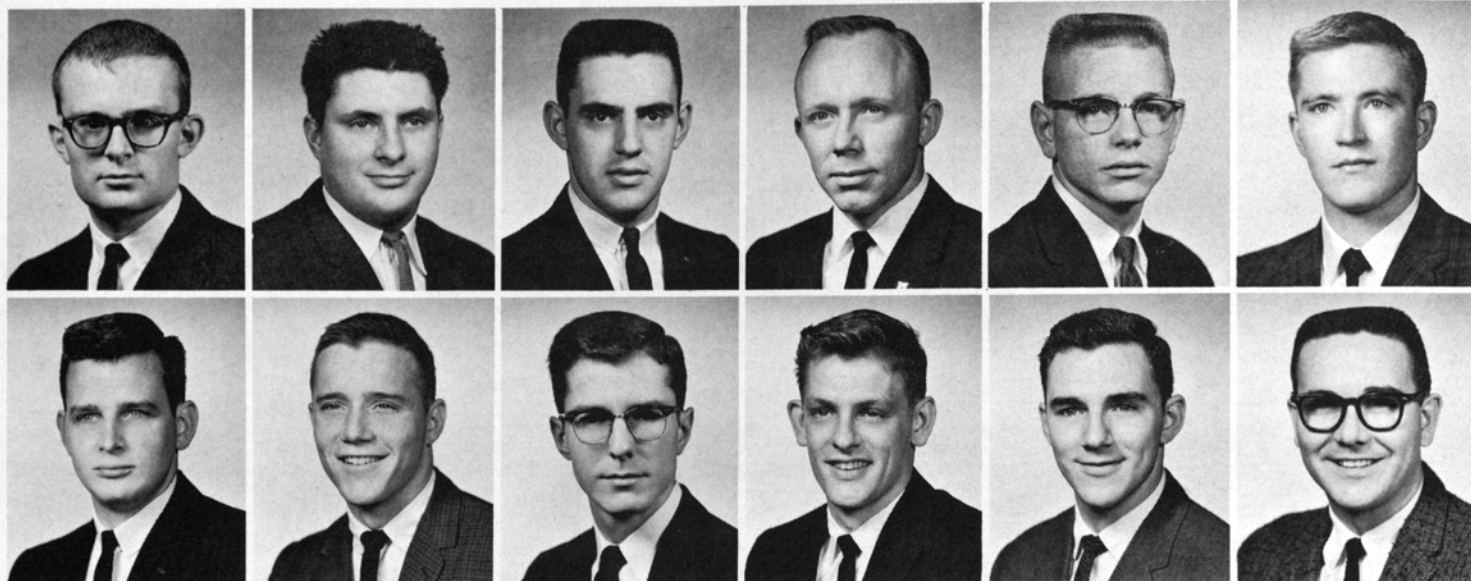
Hamtil, R. L.
Harland, R. E.
Hartenberger, G. W.

Handshy, A. W.
Harle, J. C.
Haygood, J. L.

GRUBER, Myron E.—EE
GUM, Jon W.—Physics
GUNN, Chester P.—ChE
GUNN, William J.—CE
HAAG, William O.—CE
HADEN, Roney L.—CE
HALL, Allen L.—Chem
HALPER, David E.—EE
HAMTIL, Raymond L.—CE
HANDSHY, Arthur W.—ME
HANDSHY, Robert E.—EE
HARBY, Thomas C.—EE
HARLAND, Ronald E.—ME
HARLE, James C.—CE
HARMON, Richard L.—ME
HARRISON, Glenn M.—ME
HARTENBERGER, Gerald W.—Met St. Louis, Mo.
HAYGOOD, Jack L.—CE

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Overland, Mo.
Barnett, Mo.
Lemay, Mo.
St. Joseph, Mo.
Webb City, Mo.
McLean, Va.
St. Louis, Mo.
St. Louis, Mo.
Springfield, Ill.
Overland, Mo.
Ferguson, Mo.
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Park Forest, Ill.
Centralia, Mo.
Indianapolis, Ind.





Haymes, W. E.
Hellon, R. W.

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Hemmel, D. L.

Hecht, R. J.
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Hoge, P. R.

Hertenstein, N. C.
Hill, S. L.
Hoel, J. E.
Hohman, J. A.

Higbee, J. M.
Hilsenbeck, L. L.
Hoelscher, K. C.
Holder, W. B.



HAYMES, William E.—Physics	Marshfield, Mo.
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HENRY, Daniel T.—Math	Joplin, Mo.
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HILSENBECK, Laurence L.—EE	Ravenwood, Mo.
HIM, Alberto S.—EE	Caracas, Venezuela
HIX, Claude D.—ME	Huntsville, Ala.
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HOGE, Phillip R.—CE	Renton, Wash.
HOHMAN, Joe A.—CE	Metropolis, Ill.
HOLDER, William B.—CE	Dexter, Mo.

HOLEN, Douglas E.—CE University City, Mo.

HOLKENBRINK, Michael H.—Physics
Canoge Park, Calif.

HOLLAND, Gary R.—ME Marshfield, Mo.

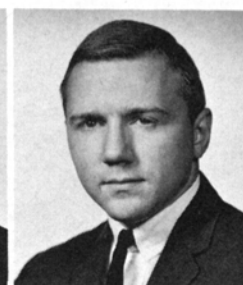
HOLLAWAY, John T.—EE St. Louis, Mo.



Holen, D. E.



Holkenbrink, M. H.



Holland, G. R.



Hollaway, J. T.



Holt, H. E.
Hubbard, J. L.



Hopkins, W. H.
Huber, H. D.



Hoppe, G. P.
Hudelson, J. R.



Horton, B. W.
Hutson, C. E.



Huffman, E.
Irwin, K. W.
Jalbert, L. S.



Hughey, B. R.
Jacobs, M. W.
Jatcko, T. L.



Hull, D. R.
Jacobs, W. A.
Jenkins, D. E.



Hurst, D. W.
Jahangini, F.
Jenkins, D. W.

HUFFMAN, Earl—EE Kansas City, Mo.

HUGHEY, Bob R.—CE Piedmont, Mo.

HULL, Donald R.—Chem Monett, Mo.

HURST, Donald W.—ME Niagara Falls, N.Y.

IRWIN, Kenneth W.—EE St. Louis, Mo.

JACOBS, Mark W.—ME Lee's Summit, Mo.

JACOBS, William A.—ME Salem, Mo.

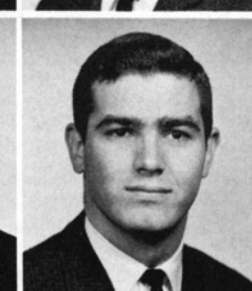
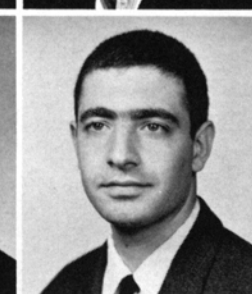
JAHANGINI, Forood—Mining Tehran, Iran

JALBERT, Leonard S.—CE Fiskdale, Mass.

JATCKO, Tony L.—ME Mt. Olive, Ill.

JENKINS, David E.—EE Waterloo, N.Y.

JENKINS, Donald W.—EE Marion, Ill.





Jensen, G. L.
Johnson, T. P.

Jersa, M. J.
Joiner, B. B.

Jilani, I. A.
Jones, D. S.

Johanpeter, G. R.
Jones, H. C.

JENSEN, George L.—Math Independence, Mo.
JERSA, Michael J.—CE St. Louis, Mo.
JILANI, Igbal A.—Chem Karachi, Pakistan
JOHANPETER, Gerald R.—ME St. Louis, Mo.
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JOINER, Bruce B.—EE St. Louis, Mo.
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JONES, Hubert C.—Math Monett, Mo.

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JUDKINS, Timothy C.—Chem Jefferson City, Mo.
KADWELL, Robert J. Mining-Geology Buffalo, N.Y.
KALBFLEISCH, Charles E.—CE Springfield, Ill.
KALLOR, Jay S.—Met Hartsdale, N.Y.



Jones, L. J.
Judkins, T. C.

Jordan, T. H.
Kadwell, R. J.

Jozwiak, P. A.
Kalbfleisch, C. E.

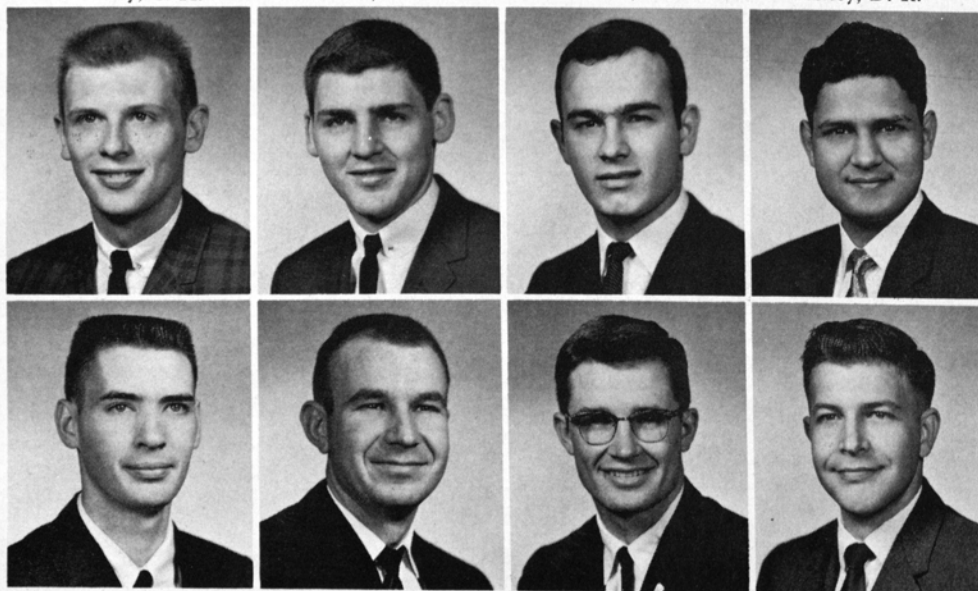
Judkins, J. J.
Kallor, J. S.

Kamp, A. A.
Keathley, C. H.

Karr, D. C.
Keim, L. E.

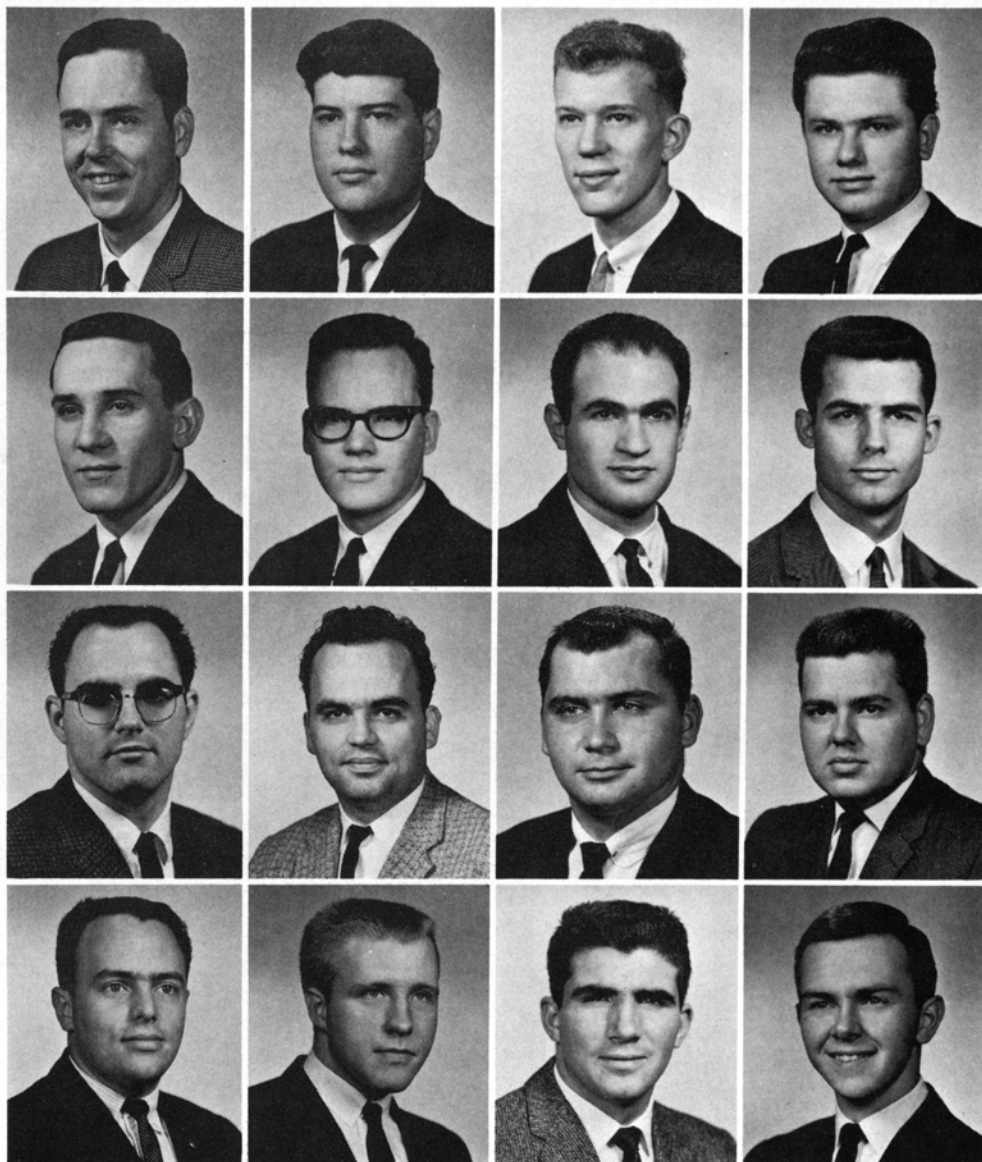
Karraker, J. L.
Keiser, R. L.

Kartari, S. A.
Kelley, D. R.



KAMP, Alan A.—CE St. Louis, Mo.
KARR, David C.—ME Jefferson City, Mo.
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KARTARI, Srichand A.—EE India
KEATHLEY, Claude H.—ME Festus, Mo.
KEIM, Lyle E.—CE Louisburg, Mo.
KEISER, Robert L.—EE Mt. Olive, Ill.
KELLEY, Donald R.—CE Onawa, Iowa

KELTY, Thomas M.—CE	Elmont, N.Y.
KEMP, William E.—Chem	Paducah, Ky.
KEMPE, Allen C.—EE	St. Louis, Mo.
KENNON, Richard S.—Physics	Rolla, Mo.
KERR, Albert L.—CE	Lockwood, Mo.
KETTLER, Gerald J.—ME	St. Louis, Mo.
KHORZAD, Nader—ME	Tehran
KIEFER, Dale F.—CE	Perryville, Mo.
KING, Alva H.—Chem	Eldon, Mo.
KING, Elbie E.—EE	Kennett, Mo.
KIRCHER, William C.—CE	St. Louis, Mo.
KIRKPATRICK, Clifford F., Jr.—ME	Kennett, Mo.
KLANDERUD, Erick—Pet	Guatemala, C.A.
KLAUSER, John R.—Geology	Richton Park, Ill.
KNUSSMANN, Willard T.—Met	St. Louis, Mo.
KOEBBE, Eugene R.—Met	Sullivan, Mo.



Kelty, T. M.
Kerr, A. L.
King, A. H.
Klanderud, E.

Kemp, W. E.
Kettler, G. J.
King, E. E.
Klauser, J. R.

Kempe, A. C.
Khorzad, N.
Kircher, W. C.
Knussmann, W. T.

Kennon, R. S.
Kiefer, D. F.
Kirkpatrick, C. F.
Koebbe, E. R.

Koenig, R. A.
Kuczka, J. H.

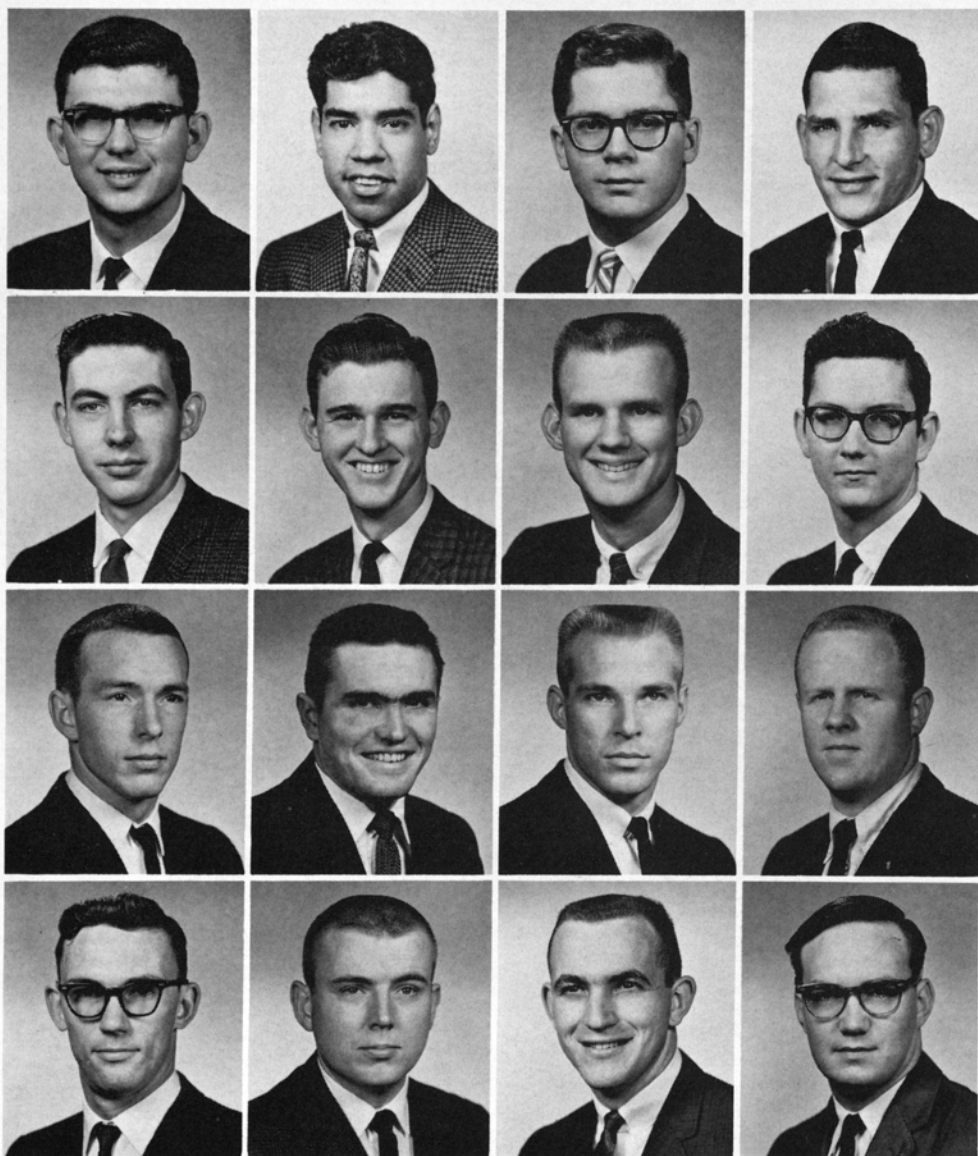
Kreisler, L.
Kuhlman, W. H.

Krodinger, R. V.
Lahde, F. U.

Kruse, W. L.
Laird, R. P.



KOENIG, Ronald A.—CE	E. St. Louis, Ill.
KREISLER, Leon—Pet	Rolla, Mo.
KRODINGER, Ronald V.—EE	DeSoto, Mo.
KRUSE, William L.—EE	St. Louis, Mo.
KUCZKA, Joseph H.—EE	Beckemeyer, Ill.
KUHLMAN, William H.—ME	Brunswick, Mo.
LAHDE, Frank U.—CE	Nashville, Tenn.
LAIRD, Richard P.—ME	Rolla, Mo.



Lalumondier, R. H.
Lammers, J. H.
Larose, T. H.
Lasley, A. L.

Lalwani, G. G.
Lampley, J. D.
Larson, K. W.
Latham, J. S.

Lambie, D. A.
Laneman, J. A.
Larwood, G. M.
Laughlin, D. L.

Lamers, B. V.
Langton, J. R.
Lasker, M. O.
Ledford, G. E.

LALUMONDIER, Richard H.—Chem
Crystal City, Mo.

LALWANI, Girdhari G.—EE
India

LAMBIE, Darryl A.—ME
Egypt, Akr.

LAMERS, Bill V.—CE
St. Louis, Mo.

LAMMERS, James H.—Met-Nuclear
O'Fallon, Mo.

LAMPLEY, Jimmy D.—EE
Paducah, Ky.

LANEMAN, Jerry A.—ME
Overland, Mo.

LANGTON, James R.—Physics
Independence, Mo.

LaROSE, Treva H., Jr.—CE
Willard, Mo.

LARSON, Keith W.—ME
Niles, Ill.

LARWOOD, Gary M.—Met
Hyattsville, Md.

LASKER, Milton O.—Met
Jackson, Miss.

LASLEY, Alan L.—ME
Carbondale, Ill.

LATHAM, James S.—CE
Sedalia, Mo.

LAUGHLIN, Donald L.—Math
Bertrand, Mo.

LEDFORD, George E.—ME
Jasper, Mo.

LEE, Jerry D.—EE
Springfield, Mo.

LEE, Thomas M.—EE
Liberty, Mo.

LEETCH, James W.—EE
Montgomery, N.Y.

LEFARTH, Ralph R.—ME
Imperial, Mo.

LEHMAN, Fred D.—CE
Jacksonville, Fla.

LEHMBECK, Lyle E.—CE
Festus, Mo.

LEICHT, Stephanie—Math
St. Louis, Mo.

LEMONS, James T.—CE
Poplar Bluff, Mo.

LEWIS, Carlton T.—EE
Kirkwood, Mo.

LIMBERG, John F.—ME
St. Louis, Mo.

LIN, Wen-Jiang—Math
Taipei, Formosa

LINDHORST, Alan J.—ME
St. Louis, Mo.

LITTLE, Thomas L.—EE
Jefferson City, Mo.

LOESCHNER, Arthur H.—EE
St. Louis, Mo.

LOFFTUS, Erwin D.—CE
Springfield, Mo.

LOHMANN, Gary A.—Met-Nuclear
Perryville, Mo.

LOHRDING, Gale T.—EE
E. St. Louis, Ill.

LONG, John E.—CE
Hannibal, Mo.

LOTH, William D.—CE
Grand Island, N.Y.

LOWE, Glen R.—EE
Thayer, Mo.

Lee, J. D.
Lehman, F. D.

Lee, T. M.
Lehmbeck, L. E.

Leetch, J. W.
Leicht, S.

Lefarth, R. R.
Lemons, J. T.





Lewis, C. T.
Lofftus, E. D.
Luallin, J. M.

Limberg, J. F.
Lohman, G. A.
Lundy, J. E.

Lin, W.
Lohrding, G. T.
Luth, D.

Lindhorst, A. J.
Long, J. E.
Lyons, C. G.

Little, T. L.
Loth, W. D.
Lytle, E. W.

Loeschner, A. H.
Lowe, G. R.
Mackie, R. L.

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Maggs, L. M.
Mantler, M. B.
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Malmgren, E. K.
Margulis, M. H.
Marshall, D. M.

Malone, W. M.
Mark, E. M.
Marshall, V. R.

Mangels, J. C.
Marosek, C. F.
Martel, A. O.

LUALLIN, John M.—ME	Gravespring, Mo.
LUNDY, John E.—EE	Kansas City, Mo.
LUTH, Donald—CE	St. Louis, Mo.
LYONS, Charles G.—CE	Springfield, Mo.
LYTLE, Everett W., Jr.—ME	Chesterfield, Mo.
MACKIE, Roscoe L.—CE	Centralia, Ill.
MAGGS, Louis M.—ME	Kirkwood, Mo.
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MALONE, William M.—Met-Nuclear	Westbury, N.Y.
MANGELS, James C.—EE	St. Louis, Mo.
MANTLER, Milton B.—EE	St. Louis, Mo.
MARGULIS, Malcolm H.—Physics	St. Louis, Mo.
MARK, Edward M.—EE	Brentwood, Mo.
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MARSHALL, Victor R.—Ceramic	Poplar Bluff, Mo.
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McCausley, R. A.

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McCullough, J. W.

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McCullough, R. L.

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Meyer, N. R.

McLain, H. J.
Mehta, H. M.
Merrell, D. R.
Meyer, R. P.

Meehan, M. D.
Mehta, K. R.
Meyer, D. A.
Meyers, D. M.



MARTIN, Carl D.—CE	Fredericktown, Mo.
MARTIN, Richard A.—Mining	Oakland, Calif.
MASTERS, Kenneth R.—Chem	Oregon, Mo.
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MAYLATH, Robert A.—EE	New York, N.Y.
MCCANE, Hugh W., Jr.—ME	Washington, Mo.
MCCAUSLEY, Ronald A.—Ceramic	Gibbstown, N.J.
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MCCULLOUGH, Robert L.—Met	Columbia, Miss.
McELWRATH, David L.—EE	Clarkton, Mo.
McHUGH, James M.—Math	Hannibal, Mo.
McINTYRE, Gary G.—ME	Desloge, Mo.
McKEAN, Malcolm B.—EE	Springfield, Ill.
McLAIN, Howard J.—ME	St. Louis, Mo.
MEEHAN, Michael D.—ME	Kirkwood, Mo.
MEEHAN, Michael E.—ChE	Webster Groves, Mo.
MEHTA, Devendra V.—ChE	Ahmedabad, India
MEHTA, Harish M.—CE	Jammagar, India
MEHTA, Kunjvihar R.—ChE	Bombay, India
MEHTA, Rashmikant K.—CE	Ahmedabad, India
MEIER, Harold F.—ME	St. Louis, Mo.
MERRELL, Dale R.—CE	Rolla, Mo.
MEYER, Dale A.—ME	Kirkwood, Mo.
MEYER, Jerry L.—EE	Monett, Mo.
MEYER, Norman R.—CE	New Wells, Mo.
MEYER, Richard P.—CE	Perryville, Mo.
MEYERS, Dennis M.—Met	Aftton, Mo.

MICHEL, David J.—Met-Nuclear Jenkintown, Pa.
 MILLER, Daniel B.—ME Berkeley, Mo.
 MILLER, Donald G.—Chem Chillicothe, Mo.
 MILLER, James R.—ChE Benton, Ky.



Michel, D. J.



Miller, D. B.



Miller, D. G.



Miller, J. R.



MILLION, John D.—Ceramic Boonville, Mo.

MILLS, Charles S. Jr.—CE Cleveland, Ohio

MITCHELLM, Monte C.—ME Joplin, Mo.

MITCHELL, Robert E.—EE St. Louis, Mo.

MITCHELL, Robert F.—EE Sedalia, Mo.

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MOLITOR, John D.—CE Union, Mo.

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Million, J. D.
Mitchell, R. F.



Mills, C. S.
Mochel, W. R.



Mitchellm, M. C.
Molitor, J. D.



Mitchell, R. E.
Molkenbur, R. A.

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Moore, R. I.
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Moodie, E. L.
Morford, R. S.
Moseley, W. C.

Moon, S. P.
Morgan, J. C.
Mroch, A. B.

Moore, J. H.
Morhaus, B. R.
Mueller, D. D.

MONTGOMERY, Billy L.—CE Joplin, Mo.

MOODIE, Edgar Lee—ChE Marceline, Mo.

MOON, Stanley P.—EE French Village, Mo.

MOORE, Jim H.—ME Mt. Vernon, Mo.

MOORE, Richard I.—ME Gary, Indiana

MORFORD, Robert S.—EE Rolla, Mo.

MORGAN, Jimmie C.—EE Diamond, Mo.

MORHAUS, Bruce R.—Math St. Louis, Mo.

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MOSELEY, William C.—EE Manes, Mo.

MROCH, Alan B.—EE Harvard, Ill.

MUELLER, Dale D.—CE Sullivan, Mo.





MUELLER, George H.—EE St. Charles, Mo.
 MULYCA, Walter C.—Met Schenectady, N.Y.
 MUNS, Bennett L.—CE Montgomery City, Mo.
 MUNSON, William F.—Physics Oronogo, Mo.
 MURPHY, Robert J.—CE E. St. Louis, Mo.
 MURRAY, James E.—ME Sedalia, Mo.
 MURRELL, Jim D.—ME Lebanon, Mo.
 MYERS, Carl E.—CE Lutesville, Mo.

Mueller, G. H.
Murphy, R. J.

Mulyca, W. C.
Murray, J. E.

Muns, B. L.
Murrell, J. D.

Munson, W. F.
Myers, C. E.

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MYERS, Michael R.—EE Taneyville, Mo.
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 NELSON, Kenneth R.—Met Webster Groves, Mo.
 NELSON, Robert C.—CE St. Louis, Mo.
 NEUMANN, Lotar M.—EE St. Louis, Mo.
 NEVILLE, Robert J.—CE St. Louis, Mo.



Myers, M. R.
Nelson, K. R.

Naney, R. L.
Nelson, R. C.

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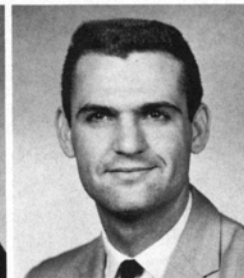
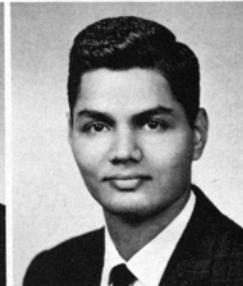
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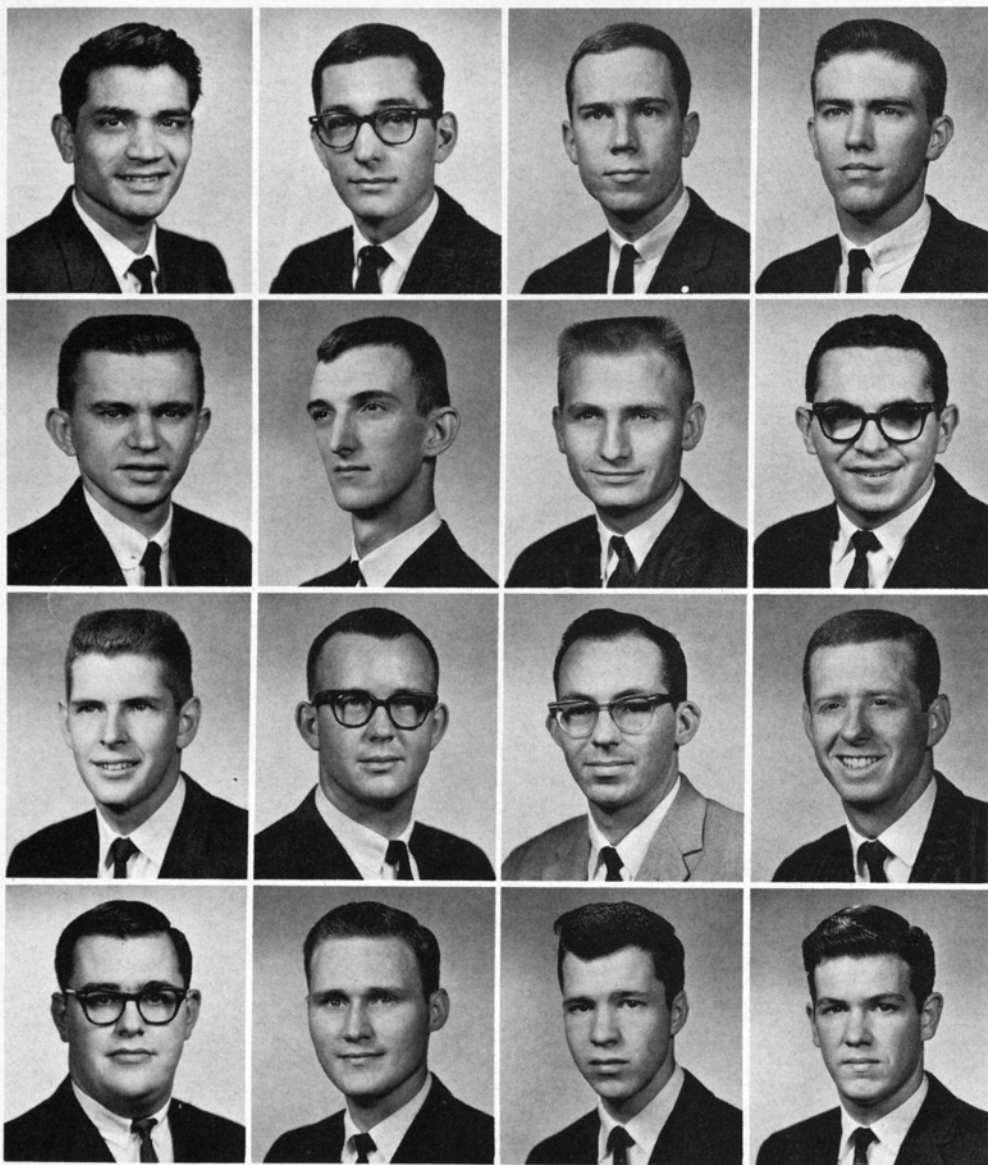
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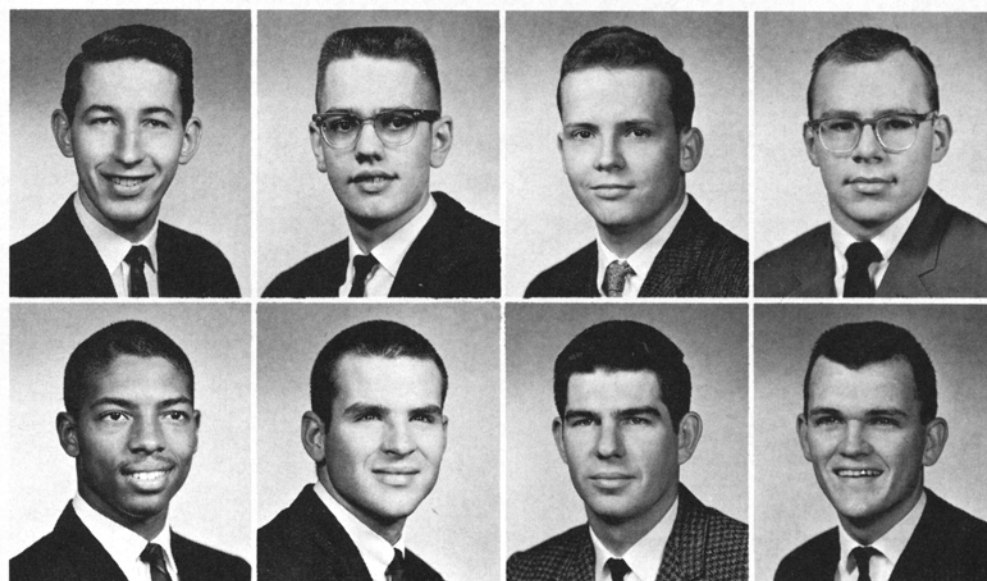


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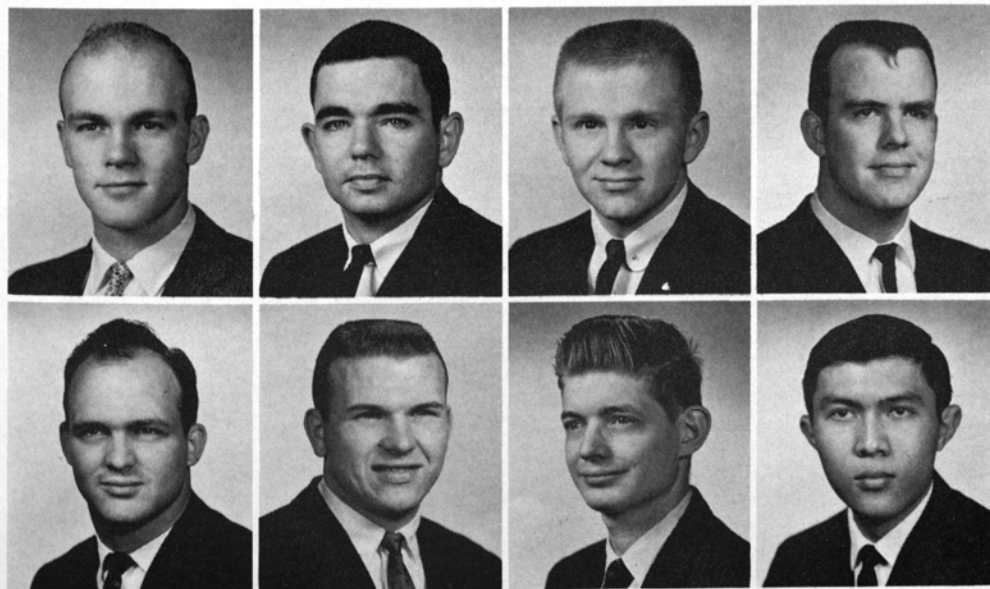
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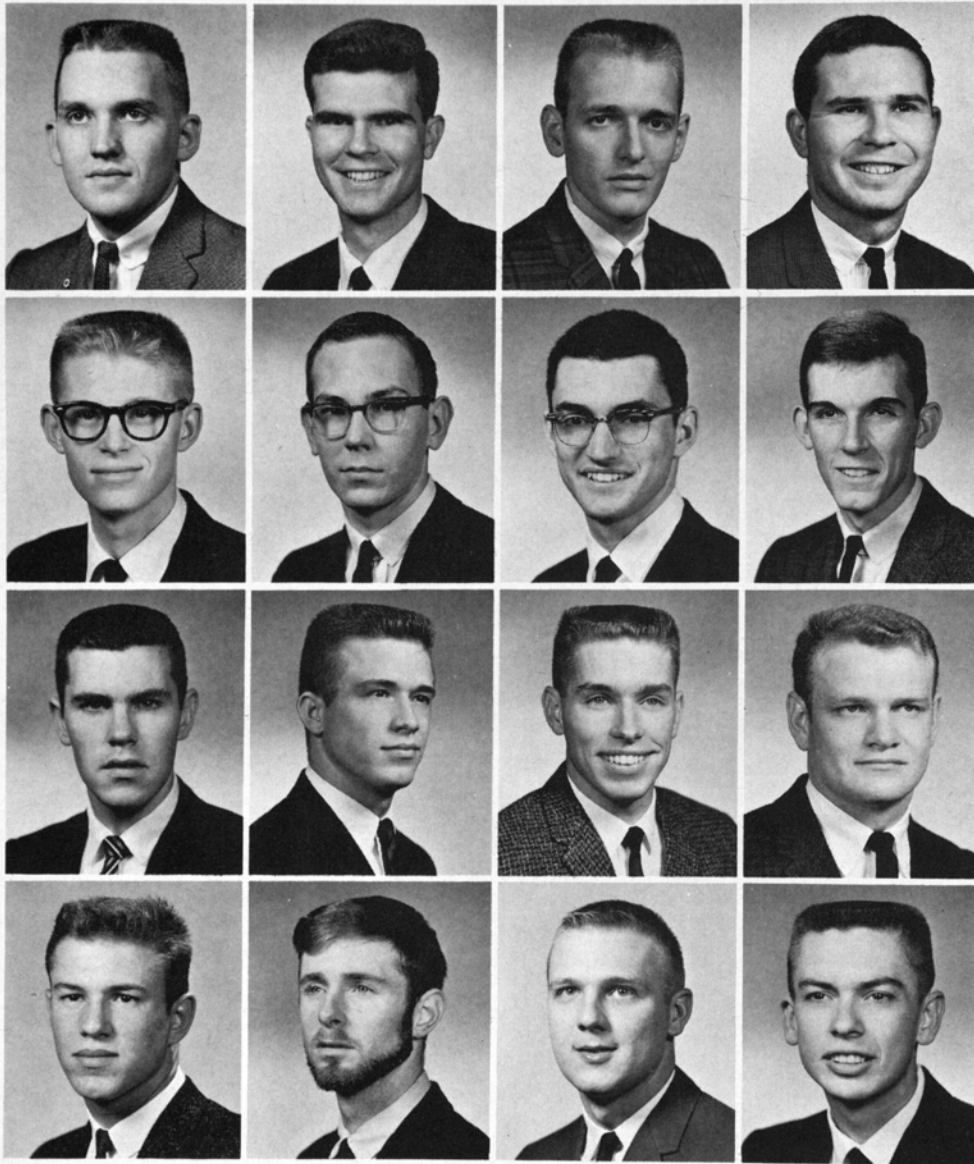
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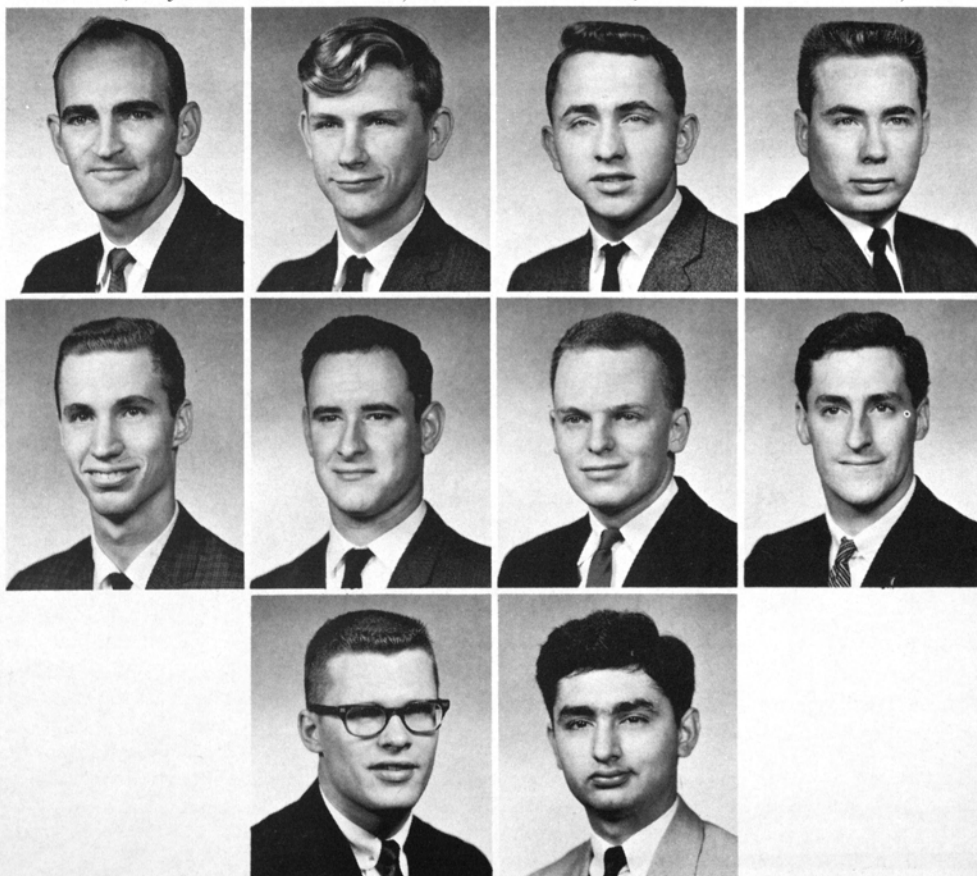
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At the time of this writing, the 1963 Rollamo is ready to go to press. The Rollamo Board would like to thank everyone who has helped to bring this year's annual toward its final stages of completion.

PROFESSOR KARL MOULDER, with his guidance and understanding, has been an immense help to the staff. The photographers, KEN VERADY, GERRY OLNEY, and JERRY KETTLER, have done an outstanding job in handling picture production. Also thanks to our secretary, JUDY SIECKHAUS, who has typed the copy.

The Board extends special thanks to MR. DEL VALLE for his professional photography and to MR. HARRY SWAIN of St. Louis, for his expert assistance in production and building photography.

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